AD-A150 314

DRUG USE

RINE CORPS

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20. ABSTRACT *(Continue on reverse side if necessary and identify by block number)*

This study assesses the prevalence of alcohol and drug use in the Marine Corps and the effectiveness of programs to combat it. The analysis is based on the answers to an anonymous survey administered to 18,000 randomly chosen enlisted and officer personnel. The survey results were compared to those of similar surveys in 1980 and 1982 to discern trends.

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The analysis showed that, while the proportion of drinkers has remained constant, the proportion of heavy drinkers declined by a factor of two from 1980 to 1983. Drug use showed an even sharper drop: from 37 percent of all Marines in 1980 to 17 percent in 1983. These trends are attributed to the Marine Corps education and urinalysis programs.

CNR 90-Vol. II / July 1984

ALCOHOL & DRUG USE IN THE MARINE CORPS IN 1983

Appendixes A-H

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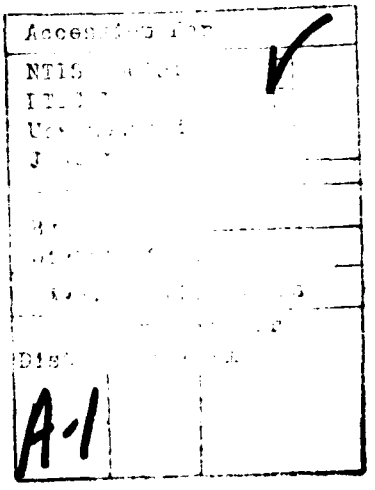
INTRODUCTION

This is volume II of a two-volume report on the results of a study concerning alcohol and drug use in the Marine Corps. It contains eight appendixes presenting detailed data and analyses supporting the main text in Volume I.

The questionnaire used in the survey is reproduced in appendix A; appendix B describes the survey methodology; appendix C contains tables giving the sizes of the populations and samples surveyed; appendix D addresses the accuracy of the results obtained from the survey; appendix E describes the composite measure, or index, developed for estimating the monthly consumption of alcoholic beverages; appendix F looks at the patterns of responses to the questionnaires and how consistent they were; appendix G contains tables showing the prevalence of alcohol and drug use by unit type, location, and pay grade; and appendix H shows the relationship between urinalysis test results and use of drugs at the time tested.



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VOLUME II

APPENDIX A

SURVEY QUESTIONNAIRE

1983 SURVEY OF DRUG AND ALCOHOL USE IN THE MARINE CORPS

INTRODUCTION

Who are we?

We are from a nonprofit research company under contract to the Marine Corps.

What are we studying?

We are studying use of drugs and alcohol in the Marine Corps.

What is a unit?

It means your Company, Squadron, or Battery.

How were you selected?

You or your unit were chosen randomly.

Must you participate?

Your participation in this survey is voluntary. DO NOT WRITE YOUR NAME OR SOCIAL SECURITY NUMBER ANYWHERE ON THE QUESTIONNAIRE.

Who will see your responses to these questions?

Only civilian researchers. No military personnel will see your answers. Your answers will be used to prepare a statistical report.

No one will ever be able to link your answers back to you.

Thank you for completing this questionnaire.

INSTRUCTIONS

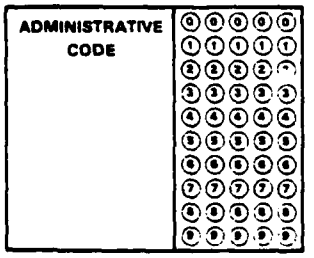
Read each question carefully before answering it. Often a question will not apply to you because you do not use drugs or drink alcohol. There will be a "does not apply" or similar response for you.

Use only the pencil you were given.
Answer every question by filling in the appropriate circle or circles.

Erase completely any answer you wish to change. Do not make stray marks of any kind anywhere in this booklet.

PLEASE ANSWER EVERY QUESTION

REMEMBER TO FOLLOW THE INSTRUCTIONS



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PART I: ALCOHOL USE

These questions are about past and current use of alcoholic beverages — beer, wine, and hard liquor.

IF YOU CAN'T DECIDE BETWEEN TWO ANSWER CHOICES BECAUSE YOU DRINK DIFFERENT AMOUNTS AT DIFFERENT TIMES, ANSWER FOR THE TIME YOU DRANK THE MOST.

1. **During the past 30 days, on how many days did you drink each of the following kinds of alcoholic beverages?**
(*Mark one circle on each line.*)

	About every day	5-6 days a week	3-4 days a week	1-2 days a week	2-3 days in past 30 days	Once in past 30 days	None
Beer (12-ounce can/bottle)	○	○	○	○	○	○	○
Wine (4-ounce glass)	○	○	○	○	○	○	○
Hard Liquor (1½-ounce shot glass)	○	○	○	○	○	○	○

2. **Think about the days when you drank alcohol in the past 30 days. How much of each of the following alcoholic beverages did you have on a typical day when you drank?**
(*Mark one circle on each line.*)

	NUMBER OF DRINKS				
	More than 8	6-8	3-5	1-2	Don't drink/none
Beer (12-ounce can/bottle)	○	○	○	○	○
Wine (4-ounce glass)	○	○	○	○	○
Hard Liquor (1½-ounce shot glass)	○	○	○	○	○

The next questions concern alcoholic beverages of all kinds. In the following questions, a "drink" includes beer, wine, or hard liquor, or a combination of the three.

3. **How often do you have a drink 2 hours or less before going to work or during a meal break while at work?**
○ Every day
○ Once or twice a week
○ Once or twice a month
○ Once or twice a year
○ Don't drink/never

4. **How often do you drink during regular working hours at your job site?**
○ Every day
○ Once or twice a week
○ Once or twice a month
○ Once or twice a year
○ Don't drink/never

5. **Now think about the single day during the past 12 months when you drank the most, counting all types of alcohol (beer, wine, and hard liquor) combined. How many "drinks" did you have on the single day when you drank the most?**

NUMBER OF DRINKS
○ More than 8
○ 6-8
○ 3-5
○ 1-2
○ Don't drink/none

6. **Listed below are some of the places where people drink beer, wine, and hard liquor. How often do you drink in each of the following places?**
(*Mark one circle on each line.*)

	Every day	Once or twice a week	Once or twice a month	Once or twice a year	Don't drink/ never
On base in private quarters	○	○	○	○	○
Off base in private places	○	○	○	○	○
On base in public places	○	○	○	○	○
Off base in public places	○	○	○	○	○

7. **How often do you drink with each of the following types of people (whether or not they drink)?**
(*Mark one circle on each line.*)

	Every day	Once or twice a week	Once or twice a month	Once or twice a year	Don't drink/ never
With my spouse, mate, or person I date	○	○	○	○	○
With close friends or family	○	○	○	○	○
With co-workers	○	○	○	○	○
With people I don't know well	○	○	○	○	○
With no one else around	○	○	○	○	○

8. **How many people in your unit do you think now have a drinking problem?**
○ None
○ About 1 in 10
○ About one-third
○ About half
○ More than half
○ Don't know

9. **How many people in your unit do you think drink during duty hours?**
○ None
○ About 1 in 10
○ About one-third
○ About half
○ More than half
○ Don't know

10. **Please indicate how many times during the past 12 months these things ever happened to you.**
(Mark one circle on each line.)

Because of my drinking alcohol:	Every day	Once or twice a week	Once or twice a month	Once or twice a year	Don't drink/ never
I worked below my normal level of performance	○	○	○	○	○
I was late for work or left work early	○	○	○	○	○
I did not come to work	○	○	○	○	○
I was hurt in an on-the-job accident	○	○	○	○	○
I was drunk or "high" while working	○	○	○	○	○
I was called in during off-duty hours and reported to work while drunk or "high"	○	○	○	○	○

11. **How many times have you had any of the following experiences during the past 12 months?**
(Mark one circle on each line.)

	Every day	Once or twice a week	Once or twice a month	Once or twice a year	Don't drink/ never
I awakened unable to remember some of the things I had done while drinking	○	○	○	○	○
I was sick because of drinking (nausea, vomitting, severe headaches, etc.)	○	○	○	○	○
I stayed drunk for more than one day at a time	○	○	○	○	○
I had the "shakes" because of drinking	○	○	○	○	○
I got into a fight and I hit someone because of drinking	○	○	○	○	○

12. **Do any of your dependents need help for a drinking problem?**
- ○ I have no dependents
- ○ Yes
- ○ No
- ○ Don't know

13. **Are the following services available on base at this installation?**
(Mark one circle on each line.)

	Yes	No	Don't Know
Alcohol education or information program (classes, an office, printed material, etc.)	○	○	○
Alcohol counseling program	○	○	○
Alcohol referral office	○	○	○
Alcohol treatment program	○	○	○
Alcoholics Anonymous (AA)	○	○	○

14. **Since you entered the Marine Corps, are you now drinking more, about the same, or less?**
- ○ I did not drink before entering the Marine Corps and don't drink now
- ○ Drink more
- ○ Drink about the same
- ○ Drink less

15. **Since you came to this installation, are you now drinking more, about the same, or less?**
- ○ I did not drink before coming to this installation and don't drink now
- ○ Drink more
- ○ Drink about the same
- ○ Drink less

16a. **Since entering the Marine Corps, have you ever had professional counseling or treatment or joined a group (such as AA) to get help for a drinking problem?**
- ○ I don't drink
- ○ Yes
- ○ No

16b. **Where did you get help since entering the Marine Corps?**
(Mark all that apply.)
- ○ I don't drink
- ○ Haven't gotten help
- ○ On base
- ○ Off base

16c. ***What type of treatment or help did you get?***
(Mark all that apply.)
- ○ I don't drink
- ○ Haven't gotten help
- ○ Live-in patient in a withdrawal or treatment program
- ○ Out patient in counseling or treatment program
- ○ Both as live-in and out patient
- ○ AA (Alcoholics Anonymous group)
- ○ Other

16d. **Who staffed the program(s)?**
(Mark all that apply.)
- ○ Doesn't apply
- ○ Haven't gotten help
- ○ Military personnel only
- ○ Civilian personnel only
- ○ Both military and civilian personnel

16e. **Are you now using alcohol more, about the same, or less than you did before you got help?**
- ○ I don't drink
- ○ Don't drink anymore
- ○ Drink more
- ○ Drink about the same
- ○ Drink less

17. What would you say are the MOST important reasons you started drinking?
(Mark all that apply.)

- ○ I don't drink
- ○ My friends were drinking
- ○ I wanted to try it
- ○ I liked the way drinking made me feel
- ○ I was bored
- ○ I thought it would be a new "kick"
- ○ I was having trouble in the military and thought drinking would help me through a rough period
- ○ Alcohol was easily available
- ○ Drinking helped me relax or sleep
- ○ Drinking helped my performance

PART II: DRUG USE

The questions that follow refer to use of drugs for nonmedical purposes — that is, for kicks, to relax, or to get insight. Drugs are grouped into three categories:

- **Marijuana and Hashish (pot, grass, or hash)**
- **Other drugs, such as heroin, PCP, LSD, cocaine, and opium**
- **Pills, such as uppers, downers, and bennies**

IF YOU CAN'T DECIDE BETWEEN TWO ANSWERS, MARK THE ONE INDICATING MORE FREQUENT OR EXTENSIVE USE.

REMEMBER: NO ONE WILL EVER BE ABLE TO LINK YOUR ANSWERS BACK TO YOU.

1. Since you entered the Marine Corps, are you now using drugs more, about the same, or less?

- ○ *I did not use drugs before entering the Marine Corps and don't use them now*
- ○ Use more
- ○ Use about the same
- ○ Use less

2. Since you came to this installation, are you now using drugs more, about the same, or less?

- ○ I did not use drugs before coming to this installation and don't use them now
- ○ Use more
- ○ Use about the same
- ○ Use less

3. During the past 30 days, on about how many days did you use each of the following drugs for nonmedical purposes?
(Mark one circle on each line.)

	28-30 Days	20-27 Days	11-19 Days	4-10 Days	1-3 Days	Never in past 30 days	I don't use drugs
Marijuana or hashish	○	○	○	○	○	○	○
Other drugs	○	○	○	○	○	○	○
Pills	○	○	○	○	○	○	○

4. Next to each type of drug listed, indicate if it is available ON BASE or OFF BASE in a nearby community.
(Mark yes, no, or don't know for each drug at each place.)

	AVAILABLE					
	On Base			Community Near Base		
Drug	Yes	No	Don't Know	Yes	No	Don't Know
Marijuana	○	○	○	○	○	○
Other drugs	○	○	○	○	○	○
Pills	○	○	○	○	○	○

5a. During the past 12 months how often did you use each type of drug for nonmedical purposes?
(Mark one circle on each line.)

	Every day	Once or twice a week	Once or twice a month	Once or twice a year	Don't use drugs/ never
Marijuana	○	○	○	○	○
Other drugs	○	○	○	○	○
Pills	○	○	○	○	○

5b. How often do you use drugs for nonmedical purposes during the following times?
(Mark one circle on each line.)

	All of the time	Most of the time	Half of the time	Some of the time	Don't use drugs/ never
While on leave	○	○	○	○	○
Off-duty days	○	○	○	○	○
Duty days	○	○	○	○	○

6. How often do you use alcohol at the same time with each of the following drug types?
(Mark one circle on each line.)

	USE ALCOHOL AT THE SAME TIME				
	All of the time	Most of the time	Half of the time	Some of the time	Don't use drugs/ never
Marijuana	○	○	○	○	○
Other drugs	○	○	○	○	○
Pills	○	○	○	○	○

7. For each experience listed below, please indicate on how many days you were sick during the past 12 months because you used or stopped using drugs.
(Mark one circle on each line.)

	NUMBER OF DAYS SICK IN PAST 12 MONTHS				
	More than 8	6-8	3-5	1-2	Don't use drugs/ none
I was sick because I used drugs	○	○	○	○	○
I was sick because I stopped using drugs	○	○	○	○	○

8a. How often do you use each type of drug for nonmedical purposes 2 hours or less before going to work or during the work day?
(Mark one circle on each line.)

	Every day	Once or twice a week	Once or twice a month	Once or twice a year	Don't use drugs/ never
Marijuana	○	○	○	○	○
Other drugs	○	○	○	○	○
Pills	○	○	○	○	○

8b. If you use any drug 2 hours or less before going to work or during the work day what effect does it have on you?
(Mark all effects that apply for each type of drug.)

	I don't use at all	I don't use on the job	Makes my performance Better	Makes my performance Worse	Doesn't affect Me
Marijuana	○	○	○	○	○
Other drugs	○	○	○	○	○
Pills	○	○	○	○	○

8c. *Please indicate on how many working days in the past 12 months these things happened to you because of nonmedical drug use.*
(Mark one circle on each line.)

	More than 8	6-8	3-5	1-2	Don't use drugs/ none
I worked below my normal level of performance	○	○	○	○	○
I was late for work or left work early	○	○	○	○	○
I did not come to work	○	○	○	○	○
I was hurt in an on-the-job accident	○	○	○	○	○
I was "high" while working	○	○	○	○	○
I was called in during off-duty hours and reported to work while "high"	○	○	○	○	○

Definition of Drug Categories
- **Marijuana and Hashish** (pot, grass, or hash)
- **Other drugs**, such as heroin, PCP, LSD, cocaine, and opium
- **Pills**, such as uppers, downers, and bennies

8d. For each statement below, please indicate how many times you have had this experience during the past 12 months.
(Mark one circle on each line.)

	More than 8	6-8	3-5	1-2	Don't use drugs/ none
I awakened unable to remember some of the things I had done while using drugs	○	○	○	○	○
I stayed "high" on drugs for more than one day at a time	○	○	○	○	○
I had the "shakes" because of my use of drugs	○	○	○	○	○
I got into a fight and hit someone when using drugs	○	○	○	○	○

9. For each drug, mark when you have used it for nonmedical purposes.
(Mark all that apply on each line.)

	Never used	Used before joining	Used during training	Used after training
Marijuana	○	○	○	○
Other drugs	○	○	○	○
Pills	○	○	○	○

10. How often do you use drugs (any kind) for nonmedical purposes with each of the following types of people (regardless of whether or not they use drugs)?
(Mark one circle on each line.)

	Every day	Once or twice a week	Once or twice a month	Once or twice a year	Don't use drugs/ never
With my spouse, mate, or the person I date	○	○	○	○	○
With close friends or family	○	○	○	○	○
With co-workers	○	○	○	○	○
With people I do not know well	○	○	○	○	○
With no one else around	○	○	○	○	○

11. *How often do you use drugs (any kind) for nonmedical purposes in each of the following places?*
(Mark one circle on each line.)

	Every day	Once or twice a week	Once or twice a month	Once or twice a year	Don't use drugs/ never
On base private quarters	○	○	○	○	○
Off base private places	○	○	○	○	○
On base public places	○	○	○	○	○
Off base public places	○	○	○	○	○

12. What would you say are the MOST important reasons you started using drugs?
(Mark all that apply.)

- ○ I don't use drugs
- ○ My friends were using them
- ○ I wanted to try them
- ○ I liked the way they made me feel
- ○ I was bored
- ○ I thought it would be a new "kick"
- ○ I was having problems in the Marine Corps
- ○ I was having problems at home
- ○ Drugs were easily available
- ○ I wanted to get high
- ○ They helped me relax or sleep
- ○ They helped my performance

13. **Which of the following kept you from or reduced your use of drugs?**
(Mark all that apply.)

- ◯ I don't use drugs
- ◯ Urinalysis
- ◯ Officers or NCOs in my unit
- ◯ Other enlisted personnel
- ◯ Military Police
- ◯ Naval Investigative Service
- ◯ Disciplinary action
- ◯ Sniffer dogs

14a. **About how many people in your unit do you think now use marijuana?**
(Mark only one.)

- ◯ None
- ◯ About 1 in 10
- ◯ About a third
- ◯ About half
- ◯ More than half
- ◯ Don't know

14b. **How many people in your unit do you think use marijuana during duty hours?**
(Mark only one.)

- ◯ None
- ◯ About 1 in 10
- ◯ About a third
- ◯ About half
- ◯ More than half
- ◯ Don't know

15a. **How many people in your unit do you think now use drugs other than marijuana?**
(Mark only one.)

- ◯ None
- ◯ About 1 in 10
- ◯ About a third
- ◯ About half
- ◯ More than half
- ◯ Don't know

15b. **How many people in your unit do you think use drugs other than marijuana during duty hours?**
(Mark only one.)

- ◯ None
- ◯ About 1 in 10
- ◯ About a third
- ◯ About half
- ◯ More than half
- ◯ Don't know

16a. **To what extent has the use of drugs changed in your unit since you have been assigned to it?**
(Mark only one.)

- ◯ It has not changed
- ◯ It has gone down
- ◯ It has gone up
- ◯ I don't know

16b. **To what do you attribute this change?**
(Mark all that apply.)

- ◯ Don't know/doesn't apply
- ◯ Commanding officer
- ◯ Other officer or NCO
- ◯ Chaplain/priest/minister/rabbi
- ◯ Military counselor
- ◯ Drug education program
- ◯ Marines transferring into/out of unit
- ◯ Urinalysis
- ◯ Military Police
- ◯ Friends or co-workers

17a. **Have you ever been identified as a "drug user" in the Marine Corps?**
(Mark only one.)

- ◯ No, I don't use drugs
- ◯ No, I use drugs but was never identified
- ◯ Yes, and I was using drugs
- ◯ Yes, but I was not using drugs

17b. **For which drug(s) were you identified?**
(Mark all that apply.)

- ◯ I don't use drugs/doesn't apply
- ◯ Marijuana
- ◯ Other drugs
- ◯ Pills

17c. **How were you first identified?**
(Mark only one.)

- ◯ I don't use drugs/doesn't apply
- ◯ I was never identified as a drug user
- ◯ I came up positive on a urinalysis
- ◯ Medical examination
- ◯ My commanding officer identified me
- ◯ Someone else in my unit identified me
- ◯ Civil law enforcement
- ◯ Military law enforcement
- ◯ I identified myself under pressure
- ◯ I identified myself voluntarily
- ◯ Don't remember

18. **Is there a urinalysis program at your installation?**

- ◯ Yes
- ◯ No
- ◯ Don't know

19. **How did you learn about the urinalysis program?**
(Mark all that apply.)

- ◯ Don't know anything about the program
- ◯ Drug education in recruit training
- ◯ Drug education after recruit training
- ◯ Word of mouth (buddies)
- ◯ Through chain of command
- ◯ Through personal experience
- ◯ From the recruiter

Definition of Drug Categories
- **Marijuana and Hashish** (pot, grass, or hash)
- **Other drugs**, such as heroin, PCP, LSD, cocaine, and opium
- **Pills**, such as uppers, downers, and bennies

20a. During the past 12 months, how many times were you given a urinalysis test?
- ○ More than 8
- ○ 6-8
- ○ 3-5
- ○ 1-2
- ○ None

20b. Did your LAST urinalysis show that you had been using drugs?
(Mark one.)
- ○ *Never had a urinalysis*
- ○ Yes, and I was using drugs
- ○ Yes, but I was not using drugs
- ○ No, but I was using drugs
- ○ No, and I was not using drugs

20c. Why do you think you were not detected on your LAST urinalysis?
(Mark all that apply.)
- ○ I don't use drugs
- ○ Doesn't apply — I was detected
- ○ Never tested
- ○ Never tested when I was using drugs
- ○ Excused from the test
- ○ Unexcused absence from the test
- ○ Gave phony specimen (bottle switching, adding water)
- ○ Drank or ate something that fouled up the test
- ○ Don't know

21. Do you trust urinalysis test results?
- ○ Yes
- ○ No

22. Do any of your dependents need help for a drug problem?
- ○ I have no dependents
- ○ Yes
- ○ No
- ○ Don't know

23. Before entering the Marine Corps, how well informed were you about what the Marine Corps does to identify drug users?
- ○ Very well informed
- ○ Fairly well informed
- ○ Not very well informed
- ○ Not informed
- ○ Don't remember

24. Listed below are drug education activities. Indicate whether you participated in each activity. Then, mark those activities that influenced you to not start using drugs, to stop using drugs, or to use drugs less.
(Mark two circles on each line.)

ACTIVITY	A Participated in activity		B Activity influenced me	
Talk by or personal discussion with:	Yes	No	Yes	No
CO	○	○	○	○
Other officer or NCO	○	○	○	○
Chaplain/priest/ *minister/rabbi*	○	○	○	○
Person from drug education program	○	○	○	○
Law or drug enforcement official	○	○	○	○
Former addicts	○	○	○	○
Friends or co-workers	○	○	○	○
Movies or slide show	○	○	○	○
Books or pamphlets	○	○	○	○

25. Mark the things that were mentioned in the drug education program at this installation. Then mark those that influenced you to either not start using drugs, to stop using drugs, or to use drugs less.

○ Does not apply, have not participated

(If you participated, mark two circles on each line.)	A MENTIONED		B INFLUENCED	
	Yes	No	Yes	No
Religion	○	○	○	○
Hobbies	○	○	○	○
Sports	○	○	○	○
Recreation other than hobbies and sports	○	○	○	○
Meditation and yoga	○	○	○	○
Work	○	○	○	○

26. Are the following services available on base at this installation?
(Mark one circle on each line.)

	Yes	No	Don't Know
Drug education or information program (classes, an office, printed material, etc.)	○	○	○
Drug counseling program	○	○	○
Drug referral office	○	○	○
Drug treatment program	○	○	○
Drug exemption program	○	○	○

27. Do you think that drug education at this installation is effective in keeping people from using drugs?
- ○ Yes
- ○ No
- ○ Don't know

28a. Since entering the Marine Corps, have you gotten professional help for a drug problem?
(Mark all that apply.)

- ○ Doesn't apply, I don't use drugs

I used drugs and—
- ○ Haven't gotten help
- ○ Got Marine Corps help
- ○ Got civilian help

28b. Since you got help, do you still use drugs?
- ○ Doesn't apply, I don't use drugs

I got help and—
- ○ I still use drugs
- ○ I quit using drugs

29. If you used drugs and then stopped, what were the important influences that made you stop?
(Mark all that apply.)

- ○ Never used drugs
- ○ I decided to stop
- ○ Counseling or treatment
- ○ Drug education
- ○ Religion
- ○ My spouse, mate, or a friend convinced me to stop
- ○ Drugs were not available
- ○ Drugs were too expensive
- ○ Fear of getting strung out or addicted
- ○ Fear of being no good on the job
- ○ Fear of losing my physical fitness
- ○ Fear of identification by urinalysis
- ○ I got busted
- ○ Use alcohol instead
- ○ I still use drugs

30. If you had a drug problem, to whom would you go for help?
(Mark all that apply.)

- ○ Commanding Officer
- ○ Other officer in my unit
- ○ Senior NCO
- ○ Other Marines
- ○ Chaplain/priest/minister/rabbi
- ○ Civilian friend
- ○ Civilian counselor
- ○ Military counselor
- ○ Spouse, mate, or person I date
- ○ Exemption representative
- ○ Drug Abuse Program Advisor

PART III: BACKGROUND

NOTE: The information in this part will not be used to identify you. It will be used for statistical purposes only.

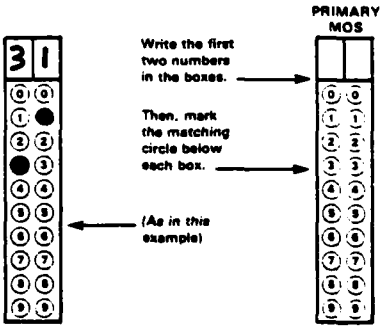
1. What is the location of your current installation?
- ○ Camp Pendleton
- ○ Okinawa
- ○ MCAS Iwakuni
- ○ Camp LeJeune
- ○ MCAS Kaneohe
- ○ Camp Smith
- ○ MCAS El Toro
- ○ MCAS Tustin
- ○ MCAS Cherry Point
- ○ MCAS New River
- ○ Other

2. How long have you been on this installation?
- ○ Less than 30 days
- ○ 1 to 6 months
- ○ 7 to 12 months
- ○ More than 1 year

3. Mark the circle that identifies your "work unit."
- ○ Force Service Support Group (FSSG)
- ○ Division
- ○ Air Wing
- ○ Base

4. What are the FIRST TWO numbers of your current PRIMARY Military Occupational Speciality (MOS)?

- ○ Don't know my PRIMARY MOS.



5. How often do you work outside your PRIMARY MOS?
- ○ All the time
- ○ Most of the time
- ○ About half of the time
- ○ Some, but less than half of the time
- ○ None of the time

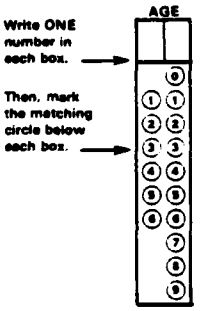
6. Is your DUTY MOS the same as your PRIMARY MOS?
- ○ Yes
- ○ No
- ○ Don't know

7. What is your pay grade?

ENLISTED	OFFICER
○ E1-E3	○ W1-W4
○ E4-E5	○ O1-O3
○ E6	○ O4-O6
○ E7-E9	

8. How many people do you supervise?
- ○ None
- ○ 1-5
- ○ 6-10
- ○ 11-15
- ○ 16-20
- ○ More than 20

9. How old were you on your last birthday?



10. Are you male or female?
- ○ Male
- ○ Female

11. What do you consider to be your main racial or ethnic group?
- ○ White
- ○ Black
- ○ Hispanic
- ○ Other

12. What is your highest level of education completed?
- ○ Did not graduate from high school
- ○ High school graduate
- ○ Some college
- ○ College graduate

13. What is your marital status?
- ○ Single, never married, and not living as married
- ○ Married or living as married
- ○ Separated
- ○ Divorced
- ○ Widowed

14. Is your spouse or mate now living with you at your present duty location?
- ○ I have no spouse or mate
- ○ Yes
- ○ No

15. In what type of housing do you currently live?
- ○ Military barracks/dormitory or bachelor quarters
- ○ On base military family housing
- ○ Off base military family housing
- ○ Civilian housing

16. Not including yourself, how many other people do you support?
- ○ None
- ○ One
- ○ Two
- ○ Three
- ○ Four or more

17. **Here are some things that happen to people. How many times during the past 12 months did each of the following happen to you?**

(Mark one circle on each line.)

	None	1-2	3-5	6-8	More than 8
I had an illness that kept me from duty for a week or longer	○	○	○	○	○
I didn't get promoted when I thought I should have been	○	○	○	○	○
I got a lower score on my performance rating than I expected	○	○	○	○	○
I received UCMJ punishment (Court Martial or Office Hours)	○	○	○	○	○
I was arrested for a moving violation while driving	○	○	○	○	○
I was arrested for an incident not related to driving	○	○	○	○	○
I spent time in jail or the brig	○	○	○	○	○
I was hurt in an accident of any kind	○	○	○	○	○
I caused an accident	○	○	○	○	○
I hit my spouse, mate, or the person I date	○	○	○	○	○
I hit my child(ren) for a reason other than discipline (spanking)	○	○	○	○	○
I hit someone other than a family member	○	○	○	○	○
My spouse or mate threatened to leave me	○	○	○	○	○
My spouse or mate left me	○	○	○	○	○
I was hospitalized	○	○	○	○	○

18. **Here again is a list of things that happen to people. This time, how many times during the past 12 months did each of the following happen to you because you were DRINKING?**

(Mark one circle on each line.)

Because of my drinking alcohol:	Don't Drink/None	1-2	3-5	6-8	More than 8
I had an illness that kept me from duty for a week or longer	○	○	○	○	○
I didn't get promoted	○	○	○	○	○
I got a low score on my performance rating	○	○	○	○	○
I received UCMJ punishment (Court Martial or Office Hours)	○	○	○	○	○
I was arrested for driving under the influence	○	○	○	○	○
I was arrested for being drunk and disorderly	○	○	○	○	○
I spent time in jail or the brig	○	○	○	○	○
I was hurt in an accident of any kind	○	○	○	○	○
I caused an accident	○	○	○	○	○
I hit my spouse, mate, or the person I date	○	○	○	○	○
I hit my child(ren)	○	○	○	○	○
I hit someone other than a family member	○	○	○	○	○
My spouse or mate threatened to leave me	○	○	○	○	○
My spouse or mate left me	○	○	○	○	○
I had to go through a drying out program	○	○	○	○	○

19. **This time, mark how many times during the past 12 months each of the following happened to you because you were using DRUGS.**

(Mark one circle on each line.)

Because of my use of drugs:	Don't use Drugs/ None	1-2	3-5	6-8	More than 8
I had an illness that kept me from duty for a week or longer	○	○	○	○	○
I didn't get promoted	○	○	○	○	○
I got a low score on my performance rating	○	○	○	○	○
I received UCMJ punishment (Court Martial or Office Hours)	○	○	○	○	○
I was arrested for driving under the influence of drugs	○	○	○	○	○
I spent time in jail or the brig	○	○	○	○	○
I was hurt in an accident of any kind	○	○	○	○	○
I caused an accident	○	○	○	○	○
I hit my spouse, mate, or the person I date	○	○	○	○	○
I hit my child(ren)	○	○	○	○	○
I hit someone other than a family member	○	○	○	○	○
My spouse or mate threatened to leave me	○	○	○	○	○
My spouse or mate left me	○	○	○	○	○
I had to go through a drug treatment program	○	○	○	○	○

PART IV: OPINIONS

1. Please indicate the extent to which you agree or disagree with each statement.

(Mark one circle on each line.)

I am opposed to Marines using marijuana:	Strongly agree	Agree	Disagree	Strongly disagree	Don't know/ no opinion
At any time	○	○	○	○	○
On base	○	○	○	○	○
On duty	○	○	○	○	○
Only if it affects their performance	○	○	○	○	○
Marijuana use should be legal	○	○	○	○	○
Marine Corps policy should be that Marines will not use marijuana under any circumstances	○	○	○	○	○
Current Marine Corps policy on marijuana use is okay	○	○	○	○	○
Marijuana use is dangerous to one's health	○	○	○	○	○
Drinking excessive amounts of alcohol is dangerous to one's health	○	○	○	○	○
It is more important for the Marine Corps to crack down on drug use than heavy drinking	○	○	○	○	○
Using drugs has a greater effect than heavy drinking on physical fitness	○	○	○	○	○
Using drugs has a greater effect than heavy drinking on one's ability to do their job	○	○	○	○	○
A Marine who uses drugs makes the entire Marine Corps look bad	○	○	○	○	○
A Marine who drinks too much makes the entire Marine Corps look bad	○	○	○	○	○
The Marine Corps treats drug users fairly regardless of rank	○	○	○	○	○

2. Indicate how much you believe each part of the Marine Corps Drug Program should be emphasized.

	EMPHASIS				
	Heavy	Some	Little	None	Don't know
Education	○	○	○	○	○
Detection	○	○	○	○	○
Discipline	○	○	○	○	○
Treatment	○	○	○	○	○

3. How do you rate your unit?

- ○ Outstanding
- ○ Better than average
- ○ Average
- ○ Worse than average
- ○ Poor

Thank you for completing the questionnaire.
Please return questionnaire as instructed.

APPENDIX B

SURVEY METHODOLOGY

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SURVEY METHODOLOGY

To obtain a more comprehensive picture of Marines' use of alcohol and drugs than was obtained from the 1982 Worldwide Survey, the 1983 Survey was administered to many more Marines. We followed the basic steps the 1982 study employed to collect data: designed a survey questionnaire, conducted pilot tests, administered the survey to a carefully selected sample, and analyzed the results. In this appendix we discuss first the development of the questionnaire, then the administration of the survey, and finally, the sampling plan.

DEVELOPMENT OF QUESTIONNAIRE

Our main source of data was the survey questionnaire. It was based in great part on the questionnaire used in the 1980 and 1982 Worldwide Surveys. Although the questionnaire was structured in the same way as the previous ones, many questions were rewritten. The final questionnaire contained questions from various additional sources, including Drug and Alcohol Program personnel and other sponsors at HQMC, Marines involved in pretests of the questionnaire form, and research literature.

The questionnaire, which contained 350 individual items, comprised four parts: alcohol use, drug use, background, and opinions. The first two contained questions designed to obtain measures of alcohol and drug use. These are questions on frequency and quantity of kind of substance used; circumstances of use--where and with whom; motivations for use--specific reasons why people use and general attitudes toward use; and consequences of use on family, job, and health. The third part contained items designed to obtain data on demographic characteristics; the last, to obtain an understanding of how Marines felt about a variety of issues related to drugs and alcohol.

Those questions designed to measure the use of alcohol and drugs assessed frequency and quantity for two time periods--30 days and 12 months. In addition to measuring prevalence, questions were designed to obtain an understanding of the effects of alcohol and drug programs, to determine consequences of alcohol and drug use, to discover changes in patterns of alcohol and drug use, and to assess the reasons people started and stopped using drugs and alcohol. See appendix A, which is a copy of the questionnaire.

Pilot Tests

Before being administered, the questionnaire underwent pilot testing. CNA and HQMC personnel administered the pilot tests (or pretests) during a 2-week period. About 100 people from Marine Corps Headquarters and Quantico took the pilot tests. They were encouraged to

raise questions and suggest problems in the wording, format, and timing of the questionnaire. On an individual basis, participants were free to ask the administrators questions any time during the session. Administrators allotted time after everyone was done for a group question-and-answer period.

Those who participated in the pilot tests understood the survey was anonymous and that there was no way to trace responses to individuals. This was stated on the questionnaire and repeated by the administrators. At the beginning of the pilot test sessions, participants were instructed that after the session, and upon exiting the testing room they were to tear up the questionnaire and throw it away. Most of those who participated in the pilot tests felt that if people were convinced they would remain anonymous and their answers could not be tied to them, they would be candid.

The most valuable part of the pilot tests was the comments of those who participated. Discussions with participants suggested the need to rephrase some items, particularly in the level of detail used to describe drinking behavior. For example, early versions of the questionnaire, which were almost the same as the 1982 Survey, asked people to indicate the exact number of alcoholic beverages they had on a typical day. In an effort to maintain compatibility with earlier surveys, we used the same response scales on the pilot questionnaire. Participants complained that they could not distinguish between, say 10, 11, or 12 drinks per day, whether drunk or sober. Also, when asked to remember how much they drank over the last 12 months, most people could not remember that far back. This observation led to our adopting the the last 30 days before taking the survey as the time period for describing alcohol consumption.

Redesign of the Response Scales

Redesign of the questionnaire involved shortening the survey so that it could be completed within at most 45 minutes and standardizing the response alternatives. Our goal was to simplify the questionnaire and make it easier to complete. Feedback obtained during the early pilot studies suggested that there were too many response alternatives for many questions. People could not discriminate at the level of detail incorporated in the response alternatives.

Thus, we limited the response alternatives to questions about drug and alcohol use to seven categories for frequency and five for quantity. These response scales were used throughout. Although the shortened response scales created some incompatibility with the earlier surveys, the anticipated improvements in readability and reliability made the changes worthwhile.

ADMINISTRATION OF SURVEY

The survey was administered in two phases. Administration of the initial phase of the survey was conducted in June 1983. During that period about 90 percent of the survey data were collected.

Data collection efforts were conducted at several military installations by three two-person civilian teams that worked closely with a point of contact (POC) and military liaison officer (MLO) at each installation. For purposes of the survey, an installation was defined as a Marine Corps base or air station.

Administration of the survey was standardized. Prior to the administration, a roster of those selected to participate was sent to the POC from HQMC. It was the POC's and MLO's responsibility to schedule participants for the survey.

The POCs were given a list of instructions to aid in the scheduling. The instructions related to number, time, and format of survey sessions. Each session was to be held during normal work hours and include between 75 and 200 participants. Participants were to complete the questionnaires during a scheduled survey session and were to be provided desks or tables. Administrators could relax these instructions within reason.

In addition, at each survey session NCOs from local commands checked participants in as they arrived, and the survey administration team checked each questionnaire as it was handed in to ensure that respondents had answered all the questions and had indicated the correct Reporting Unit Code (RUC). Completed questionnaires were counted and packed for shipping, and HQMC was provided with a daily status report.

Responsibilities of Test Administrators

All administrators understood the importance of a high response rate. To ensure obtaining as high a rate as possible, administrators documented the attendance of each participant.

Before the actual administration began, administrators needed to verify that all sample personnel were accounted for, either by assignment to a session or by assignment of an authorized absence code. (Reconfirmation of predetermined authorized absences at the time of actual administration was required.) Acceptable absences included: temporary additional duty, official leave, separated from service, ill in quarters or hospital, incarcerated, AWOL/desertion, and inaccessible (at sea or deployed). Those who were aboard ships in port or in units "in the field" but still near the installation area were expected to participate in the survey.

In addition to obtaining as high a response rate as possible, administrators also needed to emphasize the anonymity of the respondents. This was crucial to ensure that participants were as honest as possible. The cover page of the questionnaire clearly stated that only civilian researchers would see the responses, and that the answers could not be linked to the respondent.

Administrators repeated this statement once everyone was seated and before the questionnaires were distributed. People learned that their names had been chosen at random. Administrators described the sensitive nature of the information in the survey and encouraged responding frankly and honestly. As mentioned, attendance was taken, but only for purposes of quality control. Participants were told that taking attendance was necessary to ensure obtaining a high response rate, but that once they left the room there was no way to trace their answers to them.

To encourage frank and honest self-reporting, respondents were told that: (1) no Marine Corps or Defense Department personnel would see their answers; (2) completed questionnaires would be locked up during the installation visit and mailed to the civilian scoring facility as soon as possible; (3) there was no way to trace answers to respondents; (4) they should in no way identify themselves on the questionnaire by name, social security number, or any other information that might identify them; (5) booklets were not coded, and that if they had any doubts about identification they should exchange booklets with others in the room.

Participants were also told that many others were completing the questionnaire and that each participant's answers would be used to represent many Marines.

Makeup Surveys

Makeup surveys were administered to those Marines unavailable during the initial period. Those unavailable were mostly in deployed units or at training away from the "home installations." Of the 1,929 makeup surveys completed, about half were administered by the original civilian survey teams within 30 days of the original period. The remainder were administered by drug and alcohol counselors.

The counselors were given a complete package of instructions for administering the surveys. Special emphasis was placed on maintaining confidentiality and anonymity of respondents. To this end, participants were given envelopes addressed to our (civilian) facility, into which they placed their completed questionnaires. The envelopes were sealed by participants upon completion. The responsible commands were to forward these along with rosters of respondents, annotating reasons for nonparticipation. Many of these mailed survey forms (about 500) were received too late to be incorporated in the data base.

SAMPLING PLAN

A stratified random sampling design was used to select survey respondents. The stratification needed to be representative of the Marine Corps population and minimize the administrative burden on local commands.

A structured model was used to represent the population, which consisted of a major command type within location, by pay grade taxonomy. Table B-1 shows a matrix with the four unit types and locations and the major commands represented. Division units are further subdivided into infantry, artillery, and support, and the air wing into flying and nonflying units. The flying units are transport and nontransport, and the nonflying units consist of air control and support units.

Pay grades were grouped into "junior" and "senior" categories. The junior category comprises two pay grade groups: E1-E3 and E4-E5. The senior category is made up of four pay grade groups: E6-E9, W1-W4, O1-O3, and O4-O6.

A convenient way to determine which level of the structure a Marine belongs to is by his RUC. A RUC is assigned to company-level units consisting of about 250 Marines. All RUCs, excluding about ten deployed in Lebanon, were sorted into the 9-unit x 4-location strata of the structure. The 212 RUCs composing the population represented by the structure are considered to be representative of the Marine Corps as a whole.

The number of people sampled was based on statistical considerations. In general, the larger the sample size, the greater is our ability to determine if the differences in, say, drug use represent "true" differences or are the result of sampling error. It is possible to determine the sample size necessary for differences in usage rates of a given magnitude to represent "true" differences within some specifiable error bounds. The number of people required to be sampled from each unit type within location and pay grade group was determined so that a 5-percent difference in measured usage rates between any two strata would represent a true difference in the actual rates for 95 out of 100 samples chosen. The actual number of people sampled was about 35 percent greater than the required number to take into account "no shows" and unusable responses.

The statistical criterion allowed us to specify sample size requirements at the unit type/location/pay grade level. It was necessary to translate this to the RUC level. That is, a scheme was needed to determine the number of people that had to be sampled from each RUC.

TABLE B-1

MAJOR COMMANDS PARTICIPATING IN 1983 SURVEY

Unit type	Location			
	West	East	Hawaii	Okinawa
Force Service Support Group	First FSSG	Second FSSG	First MARBDE (BSSG)[a]	Third FSSG
Division	First MARDIV	Second MARDIV	First MARBDE (Ground)	Third MARDIV
Air Wing	Third MAW	Second MAW	First MARBDE (Aviation)	First MAW
Base	MCB Pendleton MCAS El Toro MCAS Tustin	MCB Camp Lejeune MCAS Cherry Point MCAS New River	MCB Smith MCAS Kaneohe Bay	MCB Butler

[a]Battalion Service Support Group.

The scheme used was to draw a sample from each RUC proportional in size to the RUC's contribution to the population of the stratum in which it belonged. For example, there are four RUCs--33044, 33050, 33060, 33141--in the stratum composed of E1-E3s in West Coast Base units (table B-2).

TABLE B-2

POPULATION AND SAMPLE SIZES OF E1-E3s IN WEST COAST BASE RUCs

RUC	N[a]	P(N)[b]	n[c]
33044	61	.16	28
33050	149	.39	69
33060	96	.26	45
33141	73	.19	34
	379	1.00	176[d]

[a]N is the population size of the RUC at the time the sample was drawn.
[b]P(N) is the proportion of the RUC that is part of the RUC family.
[c]n is the required sample size of the RUC.
[d]This number is the required sample size of the stratum.

The required sample size for the E1-E3 West Coast Base stratum was 176 Marines. The example shows that 28 Marines were sampled from the 61 in RUC 33044 because that RUC contained 16 percent of the population, and 28 is 16 percent of 176. (See table B-3 for a summary of sampling subtotals by strata. Detailed tables are given in appendix C.)

In some cases, it was not possible to draw a sample proportional to the number of people in the senior pay grades from each RUC in a stratum. Under such circumstances, the constraint of proportionality of sample to population size by RUC was relaxed.

Weighting

Drug and alcohol usage rates were estimated for the Marine Corps population based on sample data. To the extent that the numbers of people sampled in the various strata of the design are not proportional to the numbers in the population, it becomes necessary to weight the sample data. For example, if a particular stratum contains 10 percent of the population, and only 5 percent of the sample is from that

stratum, each sample observation must be weighted by a factor of two. This is analogous to counting those responses twice when computing composite (across all strata) estimates of usage rates.

TABLE B-3

SAMPLING SUMMARY BY STRATA SUBTOTALS

	Population	Sample	Usable sample responses
Pay grade			
E1-E5	69,577	16,058	12,057
E6-O6	15.232	6,153	5,382
Location			
West	30,923	6,679	5,881
East	33,178	6,817	5,135
Hawaii	7,642	3,899	2,976
Okinawa	13,048	4,816	3,447
Unit type			
FSSG	16,573	3,197	2,477
Division	38,401	7,057	4,927
Air	23,864	8,441	6,996
Base	5,971	3,516	3,039
Total	84,809	22,211	17,439

Sample weights were initially computed in several ways. Estimates of most measures used in the study did not vary by more than 1 percentage point under the various weighting schemes. The schemes differed mainly with respect to level of aggregation of the data.

In general, a sampling weight is expressed as a fraction

$$\frac{N_i}{n_i} ,$$

where N_i is the number of people in the ith stratum of the population, and n_i is the number of people sampled from the stratum. The various weighting schemes alternately defined the ith stratum as either RUCs or unit types/locations for specific pay grades E1-E3, E4-E5, versus a "junior, senior" grouping scheme).

The weighting scheme we finally used was to assign a common weight at the specific pay grade within RUC level, although some compromises were made.

The population sizes of individual pay grades above E6 within RUCs were in many cases very small (fewer than 20 people), and sometimes had only one senior officer. This was too small a number from which to draw an adequate sample. Such a small population base would also be very sensitive to effects of small changes in the number from the sample who actually took the survey. For example, if there were two senior officers in a particular level of the sampling design and neither responded to the survey, the N/n fraction becomes indeterminate. In most cases, adequately sized population bases were achieved at the grouped pay grade-within RUC level. However, in some instances considerable variation of the N/n fraction was observed for the senior pay grade groups among the RUCs of a common unit type and location. Under such circumstances, the weight assigned to those people was based on the aggregate number of Marines in the senior pay grades within unit type and location.

Appendix C summarizes the population and sample size data, aggregated at the unit type within location and pay grade grouping level. Three statistics are shown: population sizes, number of people sampled, and the number of usable surveys for each level of the sampling design.

The degree to which the samples from the 212 RUCs are representative of the entire Marine Corps can be estimated by comparing the demographic characteristics of the sample and population. Table B-4 compares the population and sample with respect to sex, race, and age. Sample data are weighted to represent the survey population of 212 RUCs.

These data suggest that the sample tends to be slightly younger than the overall population. The largest difference is seen in the 21- to 25-year-old category, where the sample overrepresents this group by about 4 percent.

There are also small differences in racial composition. The magnitude of the differences is obscured by the 5 percent responding "other." Many who did not care to identify their racial/ethnic group fall into the "other" category.

The general conclusion drawn from these data is that although slightly younger than the overall Marine Corps population, the sample otherwise shows a strong demographic correspondence.

Survey Response Rate

Table B-5 shows a breakdown of the number of people responding to the initial and makeup surveys and the number of usable surveys obtained. Usable surveys were those that gave a RUC and pay grade and that passed a "credibility" check. This check was used to weed out erroneous data, such as 18-year-old colonels and people who said they used unreasonably large quantities of alcohol or drugs.

TABLE B-4

COMPARISON OF SURVEY POPULATION AND OVERALL MARINE CORPS POPULATION CHARACTERISTICS (Percent)

	Total population	Survey population[a]
Sex		
Male	95	95
Female	5	5
Race		
White	75	68
Black	18	19
Hispanic	6	8
Other	1	5
Age		
17-18	5	5
19-20	25	28
21-25	40	44
26-30	16	13
31-35	8	6
36+[b]	6	5

[a]From 212 RUCs.
[b]The survey broke this category down further, into 36-40 and over 40.

TABLE B-5

RESPONSE RATE OF SURVEY ADMINISTRATIONS

	Number of surveys administered	
	Returned	Usable
Administration		
Initial	16,350	16,051
Makeup	1,929	1,391
Total	18,279	17,442
Rate	.82	.79
(Target sample	22,294)	

The return rate (proportion actually surveyed) was 82 percent, and the proportion of usable surveys from the target sample was 79 percent. These rates are similar to those achieved for the Marine Corps in the 1982 Worldwide Survey.

We were concerned that nonrespondents might bias the survey results. Suppose all nonrespondents were drug users. With an 80-percent response rate and with 25 percent of the respondents using drugs, we would be underestimating the true usage rate by 15 percent. On the other hand, if none of the nonrespondents used drugs, we would be overestimating the true rate by 5 percent. In reality, neither of these biases are likely to exist.

It was felt that if the nonresponse rate could be explained by legitimate reasons such as "on leave," or "transferred," a bias was unlikely. Participating commands were required to indicate the reason why each Marine selected did not take the survey. Most who did not participate had legitimate reasons. These results, from polling participating commands and other evidence we show in appendix F, would indicate that nonrespondents did not bias the survey results.

APPENDIX C

POPULATION AND SAMPLE SIZES

APPENDIX C

POPULATION AND SAMPLE SIZES

Tables C-1 through C-6 show the numbers of E1-E5 and E6-O6 personnel at major commands and locations in the population, number of Marines sampled, and number of usable responses. Usable questionnaires were those received by December 1983 that had sufficient information for assignment to a subpopulation and were relatively free of inconsistent responses. The sample sizes were derived on the basis of being able to detect a 5-percent difference in drug usage rates centering on 0.5, within a 95-percent confidence interval. The numbers represent a 35-percent increase in the actual estimate to compensate for nonrespondents.

TABLE C-1

POPULATION OF E1-E5s BY LOCATION AND UNIT TYPE

Unit Type	Location				
	West	East	Hawaii	Okinawa	Total
FSSG	4,451	5,825	1,106	2,801	14,183
Division					
Infantry	7,912	7,269	2,749	3,985	21,915
Artillery	1,671	2,621	486	672	5,450
Support	2,432	2,635	264	1,009	6,340
Air					
Nontransport	1,773	1,503	180	250	3,706
Transport	2,152	1,793	602	374	4,921
Control	647	1,143	144	514	2,448
Support	2,628	2,819	423	791	6,661
Base	1,586	1,692	312	363	3,953
Total	25,252	27,300	6,266	10,759	69,577

TABLE C-2

SAMPLE SIZES OF E1-E5s FOR REQUIRED PRECISION LEVEL
BY LOCATION AND UNIT TYPE

	Location				
Unit Type	West	East	Hawaii	Okinawa	Total
FSSG	545	554	446	528	2,073
Division					
Infantry	563	562	520	542	2,187
Artillery	482	515	343	402	1,742
Support	511	517	255	451	1,734
Air					
Nontransport	486	471	152	234	1,343
Transport	505	488	420	295	1,708
Control	371	443	136	358	1,308
Support	515	520	329	418	1,782
Base	793	810	272	306	2,128
Total	4,771	4,880	2,873	3,534	16,058

TABLE C-3

USABLE RESPONSES OF E1-E5s BY LOCATION AND UNIT TYPE

Unit Type	Location				
	West	East	Hawaii	Okinawa	Total
FSSG	442	381	296	428	1,547
Division					
Infantry	444	361	485	413	1,703
Artillery	385	337	116	140	978
Support	359	316	163	270	1,108
Air					
Nontransport	416	307	14	29	766
Transport	441	300	309	173	1,223
Control	334	289	140	313	1,076
Support	484	658	332	360	1,834
Base	711	597	258	256	1,822
Total	4,016	3,546	2,113	2,382	12,057

TABLE C-4

POPULATION OF E6-06s BY LOCATION AND UNIT TYPE

Unit Type	Location				Total
	West	East	Hawaii	Okinawa	
FSSG	702	921	197	570	2,390
Division					
Infantry	1,056	936	381	549	2,922
Artillery	306	407	78	122	913
Support	319	335	37	170	861
Air					
Nontransport	626	520	63	60	1,269
Transport	806	764	243	137	1,950
Control	137	183	56	118	594
Support	962	956	146	251	2,315
Base	775	756	175	312	2,018
Total	5,689	5,878	1,376	2,289	15,232

TABLE C-5

SAMPLE SIZES OF E6-06s FOR REQUIRED PRECISION LEVEL BY UNIT TYPE AND LOCATION

Unit type	Location				
	West	East	Hawaii	Okinawa	Total
FSSG	311	340	169	304	1,124
Division					
Infantry	246	218	210	220	849
Artillery	72	95	43	49	259
Support	73	78	21	69	241
Air					
Nontransport	168	149	53	50	420
Transport	200	219	202	113	734
Control	44	82	49	82	257
Support	311	278	126	174	889
Base	483	478	153	221	1,335
Total	1,908	1,937	1,026	1,282	6,153

TABLE C-6

USABLE RESPONSES FOR E6-O6s BY LOCATION AND UNIT TYPE

Unit type	Location				
	West	East	Hawaii	Okinawa	Total
FSSG	271	257	133	269	930
Division					
Infantry	219	147	190	177	733
Artillery	75	90	15	22	202
Support	69	62	21	51	203
Air					
Nontransport	171	124	9	17	321
Transport	222	146	128	93	589
Control	48	59	65	83	255
Support	331	299	144	158	932
Base	459	405	158	195	1,217
Total	1,865	1,589	863	1,065	5,382

APPENDIX D

SAMPLING ERROR ESTIMATES

APPENDIX D

SAMPLING ERROR ESTIMATES

INTRODUCTION

The percentages in this report are really estimates of the response percentages that would have been obtained had all 85,000 Marines in the 212 RUCs participated in the survey. In this appendix, we address the accuracy of the results obtained from a sample of a limited number of Marines.

For any particular response percentage reported, we can make a reasonably good estimate about how much error has resulted from sampling. These estimates take the form of a "confidence interval"--ranges within which the "true" population value is likely to occur. This confidence interval does not take into account biases due to such things as nonresponses, faulty question wording, or deliberate misrepresentation by respondents. The extent of these biases is addressed in the discussion of internal consistency.

The estimation of confidence intervals in surveys such as this one, involving complex sample designs, is a highly complex process involving a combination of statistical manipulation and expert judgment. The discussion of the confidence intervals derived for this study will focus on how they were obtained and how to apply them in interpreting the study results.

STATISTICAL CONSIDERATIONS

Several factors influence the size of a confidence interval for any proportion. These include: the size of the proportion, the size of the sample, the fraction of the population represented in the sample, the likelihood that the interval will contain the observed proportion, and design effects.

A confidence interval is expressed as:

$$p \pm se \times z \ ,$$

where:

- p = the estimated proportion
- se = the sampling error
- z = a scale factor used to adjust the interval to include p with particular likelihood.

A z of 1.96 would be used for an interval likely to contain the "true" p for 95 out of 100 samples.

Let us examine the effect of each of these factors.

Sample Size

All other things being equal, the larger the sample, or subgroup within the sample, the smaller the sampling error, and the more precise our estimate of p. The size of the interval is, in part, determined by $\sqrt{1/n}$, where n is the sample size. A sample of size 400 would have a confidence interval half as large (twice as precise) as one with 100 cases.

Size of the Percentage and Sampling Fraction

The sampling error, se, is affected by the variability of the responses. The variability of responses scored as zero or one is expressed as the variance, which is computed as $p(1 - p)$. Had the sample for the current survey been a simple random sample, in contrast to a stratified sample, se would be computed as:

$$se = \frac{p(1-p)}{n} \times \left(1 - \frac{n}{N}\right).$$

The term $\frac{n}{N}$ is the sampling fraction. It is the proportion of the population included in the sample. To the extent that the entire population is included in the sample there will be no sampling error.

Design Effects

More complex sampling designs, such as the ones used for this study, make use of stratification and differential weighting of individuals' scores. All of these procedures influence sampling error. Whereas stratification tends to increase the precision of our overall estimates of p, weighting and differences in the p values between strata tend to increase sampling error. It is therefore necessary to apply a correction term to se, to take into account the effects of stratification.

Kish [D-1] defines a correction term called the design effect (DEFF), where:

$$DEFF = \frac{\text{actual sampling variance}}{\text{expected sampling variance from a random sample with the same number of elements}}.$$

The DEFF is used to reduce N in the calculation of se, to produce an "effective N" (N'), where:

$$N' = N \times DEFF \quad .$$

To the extent that the number of people, or more precisely $\left(\frac{N}{n}\right)$, and the values for p for each of the strata of the sample are the same, DEFF will be equal to one.

Research by Kish [D-1] and by Johnston, Bachman, and O'Malley [D-2] has suggested that design effects not be computed for each individual measure used from a survey. Rather, a single DEFF should be used for each "class" of items (for example, drug use, alcohol consumption). In practice, DEFF is estimated for a sample of items, and the average value applied as the correction factor in computing standard errors and associated confidence intervals.

In their survey of alcohol and drug use, Johnston, Bachman, and O'Malley [D-2] estimated DEFF within each of these classes. They report DEFF values of 1.60 and 1.35 for items dealing with marijuana and alcohol use, respectively.

DEFF values for drug and alcohol use items from the current survey were computed both within strata (to account for differences in RUC within strata size) and across strata. The values estimated for DEFF within strata were about 1.1. Applying a DEFF correction within strata would have a negligible effect (less than 1 percentage point) on the standard errors, and hence, on the confidence intervals. This result suggests that RUCs within strata were homogeneous with respect to their drug and alcohol usage levels and size. For these reasons, it was necessary to adjust standard errors within unit type, location, and pay grade for design effects.

Design effects were also determined across strata. DEFF values were computed for 72 items from the alcohol section of the questionnaire. An average value was computed by a method suggested by [D-2], which averages the square root of DEFF. The square root is used because the adjustment to the size of the confidence interval, due to design effects, is based on DEFF. This average is the squared mean value for the 72 alcohol items, which was 1.65.

A similar procedure was used for 89 items related to drug use. The mean DEFF was 2.06.

Those values were used to adjust the reported 1.96 standard error estimates. The effect of the correction on the sample data can be illustrated in the following example.

The correction is applied to standard errors of marginal estimates in a 4-location x 4-unit type x 2-pay grade group table. Suppose we

wish to compute the proportion of people at the unit type by pay grade level with a particular characteristic. We would then be combining the data across locations. This would produce an "actual" n as small as 930 for any subgroup. Computing a standard error for an item with a p value of 0.5, with and without the 2.06 correction for design effects, results in 95-percent confidence intervals of 0.5 ± 0.025, and 5 ± 0.036, respectively. The 0.036 value was computed as:

$$1.96 \times \frac{pq}{n}\left(1 - \frac{n}{N}\right) \times \text{DEFF} = 1.96 \times \frac{.5x.3}{930} \times \left(1 - \frac{930}{2390}\right) \times 2.06 \quad .$$

Although this example uses the standard error computation for simple random samples, the results would parallel those computed using the appropriate procedure for stratified samples. The standard error using the stratified sample computation procedure should be even smaller than that shown in the example.

REFERENCES

[D-1] Kish, L. Survey Sampling. New York: Wiley, 1965, p. 258

[D-2] Johnston, L.D.; Bachman, J. G.; and O'Malley, P. M. Monitoring the Future; Questionnaire Responses From the Nations High School Seniors, 1981. Ann Arbor: Institute for Social Research, 1981

APPENDIX E

MEASURE OF COMPOSITE ALCOHOL CONSUMPTION

APPENDIX E

MEASURE OF COMPOSITE ALCOHOL CONSUMPTION

To simplify the analysis and to make it easier for the reader to relate the data, we developed a composite measure, or index, of alcohol consumption. We estimated the overall monthly consumption of alcoholic beverages by forming a composite of quantity and frequency of beer, wine, and hard liquor consumed.

The first step in developing the index was to convert the different types of beverages to a common scale. This scale was ounces of ethanol per month. The questionnaire defined "a drink" in standardized form as either a 12-ounce beer, a 4-ounce glass of wine, or a 1-1/2-ounce shot of hard liquor. We approximated the amount of ethanol contained in each drink by assuming that beer and wine each contains 0.48 ounce of ethanol, and that hard liquor contains 0.645 ounce of ethanol per standardized drink. (This is equivalent to "4.0" beer, 12-percent alcohol wine, and 86-proof liquor.) The formula used to combine the frequency and quantity by beverage estimates was:

$$C = \sum_{i=1}^{3} F_i Q_i Z_i ,$$

where:

C = ounces of ethanol consumed per month

i = beverage type

F = the number of days per month the beverage was used

Q = the number of drinks per day

Z = the ounces of ethanol per drink.

The distribution of C, computed for the entire population, is shown in figure E-1.* Most of the data are contained at the low end of the distribution with a small proportion of the population spread out toward the extreme high end. Thus, most people were light drinkers, and the amounts heavy drinkers consumed varied considerably, with some drinking much more than others. The maximum value obtained from the

---

* The data are shown through 76 ounces of ethanol per month. These data incorporate about 85 percent of the distribution. The remaining data points fluctuate between zero and 1 percent.

survey data was 250 ounces per month. This is equivalent to about 17 beers per day. About 5 percent of the population drank ten or more drinks per day.

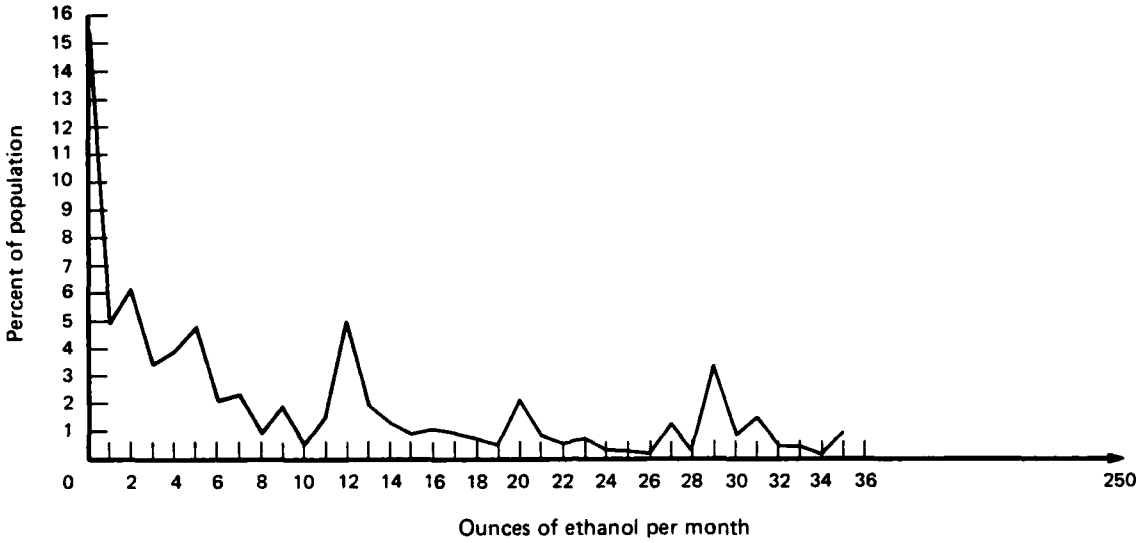

FIG. E-1: DISTRIBUTION OF DAILY ETHANOL CONSUMPTION

To simplify the presentation of the alcohol consumption data, we converted the ounces of ethanol per month to an equivalent number of drinks per day. The reference drink was a 12-ounce beer. (The conversion was to simply divide the ounces per month by 14.4, which is the number of ounces of ethanol in 30 beers.) The presentation of these results is in the form of an alcohol index. The index contains six values, or drinking levels corresponding to zero, less than one, two, four, six, and more than six drinks per day. In some instances the mean number of drinks per day is also reported.

Tables E-1 and E-2 show the relationship of frequency and quantity of beer, wine, and liquor consumption and overall drinking levels as measured by the index. These data suggest that frequency and quantity of beer drinking is the greatest contributor to overall drinking level.

TABLE E-1

FREQUENCY OF DRINKING WITHIN OVERALL ALCOHOL CONSUMPTION CATEGORY
(Percent)

	Equivalent number of drinks[a] per day					
	0	<1	2	4	6	>6
Beer						
Daily	0	0	1	5	11	49
5-6 per week		<1	2	12	19	24
3-4 per week		<1	17	50	60	18
1-2 per week		14	61	27	8	4
2-3 per month		51	15	4	<1	2
1 per month		25	1	<1	<1	<1
Never	100	11	2	1	<1	2
Wine						
Daily	0	0	<1	<1	<1	4
5-6 per week		0	<1	<1	<1	2
3-4 per week		0	<1	2	2	5
1-2 per week		2	6	6	8	8
2-3 per month		11	10	14	16	15
1 per month		18	15	17	12	16
Never	100	70	68	60	61	51
Liquor						
Daily	0	0	<1	<1	1	12
5-6 per week		0	<1	<1	2	10
3-4 per week		<1	1	7	12	29
1-2 per week		2	14	24	29	22
2-3 per month		15	25	37	31	14
1 per month		24	20	15	13	5
Never	100	59	39	16	13	7

Note: Standard errors range from 1 to 3.
[a]By drinks we mean the equivalent number of 12-ounce beers.

TABLE E-2

QUANTITY OF DAILY DRINKING WITHIN OVERALL ALCOHOL CONSUMPTION CATEGORY
(Percent)

	Equivalent number of drinks[a] per day					
	0	<1	2	4	6	>6
Beer						
9 or more	0	<1	12	14	44	61
6-8		6	20	33	31	27
3-5		24	47	46	21	8
1-2		60	19	6	4	3
None	100	10	2	1	<1	1
Wine						
9 or more	0	<1	<1	1	2	8
6-8		<1	1	2	4	6
3-5		3	5	9	8	11
1-2		27	24	28	25	24
None	100	70	70	60	62	52
Liquor						
9 or more	0	<1	3	6	10	31
6-8		<1	5	10	14	21
3-5		7	18	32	36	27
1-2		33	34	36	28	13
None	100	58	40	17	12	7

Note: Standard errors range from 1 to 3.
[a]By drinks we mean the equivalent number of 12-ounce beers.

APPENDIX F

PATTERNS OF RESPONSE CONSISTENCY

APPENDIX F

PATTERNS OF RESPONSE CONSISTENCY

The questionnaire on alcohol and drug use was designed to measure many facets of use. These facets include such things as prevalence, consequences, circumstances, and attitudes. Within each of these areas there are several survey items designed to measure related aspects of drinking or drug use.

In this appendix we explore the relationships observed among the items within some of these areas. The purpose of this analysis is twofold:

- To uncover patterns among the different measures. For example, are usage levels among different kinds of drugs related to each other? Do usage levels depend on when, where, and with whom drugs and alcohol are used?

- To establish the level of consistency of responses to questionnaire items. To the extent that items were designed to measure related aspects of the same domain, the responses should correlate with each other. Such correlations are indications that the responses are not random in nature, but follow some consistent pattern. We use these indicators as evidence that the information provided in the questionnaire is reliable.

The questionnaire contains many items that focus on patterns of alcohol and drug use. First we look at the relationships among 20 items that deal with alcohol use. Then we examine the relationships among a large cluster of questions about drug use.

PATTERNS OF RESPONSES

The technique used here to uncover patterns among the responses to questionnaire items is called "factor analysis." We examine correlations among a set of items and identify clusters of items that correlate more highly among themselves than with items in other clusters. A cluster is viewed as a homogeneous group of items that tend to measure the same general thing. The technique provides quantitative estimates of the degree to which each item in a cluster is measuring a "common factor" or "domain" (for example, social drinking). The technique also provides an indicator of the lower limit of each item's reliability.

The items used in the analyses were scaled, i.e., quantified, using the units of time, frequency, or quantity shown in the questionnaire. If an item required a response of yes or no, a "yes" was coded as one and a "no" as zero. The response combinations "Yes, Yes" or "No, No"

would, therefore, contribute to a positive correlation, and "Yes, No" or "No, Yes," a negative correlation.

Tables F-1 through F-4 summarize the results of the factor analyses of the 20 alcohol and 45 drug use items included in the analysis. The table entries are the factor coefficients. These coefficients indicate the degree to which items belong to a domain. The items that most strongly relate to a domain (those with the highest coefficients) form a cluster. Coefficients can range in value from ±1 to 1. The greater the absolute size of these values, the greater the degree of "belonging." In general, each item appeared in one cluster. We observed a moderate degree of correlation among the factors. This observation indicates that although particular items have been grouped to explain some common behaviors, such as marijuana smoking, marijuana smoking is also related at a more global level to alcohol consumption, another factor emerging from the analysis.

The number of clusters into which the items group is based on statistical criteria. The order of the appearance of the clusters is arbitrary and not an indicator of importance.

An additional statistic shown in the tables is the communality (h^2), or the proportion of variance the item shares with all 45 of the drug-related items analyzed. This value is interpreted as a minimum estimate of the reliability of the item.

PATTERNS OF ALCOHOL CONSUMPTION

We scaled, intercorrelated, then factored 20 items from the alcohol use portion of the survey. The five factors that emerged from the analysis accounted for 63 percent of the total variance among the responses to those items focusing on alcohol usage. The item clusters associated with each factor are shown in table F-1 and are described below:

- Social drinking (factor I). Frequency and quantity of drinking hard liquor are associated with drinking in public places with friends, co-workers, and strangers. Those who drink more hard liquor are likely to do so under these circumstances.

- Changes in drinking levels (factor II). The heaviest drinking (most alcohol consumed) is associated with beer drinking. Changes in total volume of alcohol consumption since respondents entered the Marine Corps and since they were assigned to current duty station are associated with changes in the amount of beer consumed.

TABLE F-1

FACTOR LOADINGS FOR ALCOHOL USE MEASURES

Measure	Factor I	II	III	IV	V	h^2
Frequency of beer drinking	27	28	02	-06	46	63
Frequency of wine drinking	-05	08	77	06	01	63
Frequency of liquor drinking	45	08	28	09	00	47
Quantity of beer consumed	33	47	-04	-05	06	49
Quantity of wine consumed	00	03	65	04	01	43
Quantity of liquor consumed	48	26	21	-02	-16	44
Drink on base - meal time	03	06	-01	76	00	62
Drink on base - job site	00	01	00	82	04	64
Most number of drinks	14	60	-01	-07	06	49
Drink on base - private places	19	06	05	18	19	27
Drink off base - private places	02	06	07	01	65	53
Drink on base - public places	67	01	01	08	04	47
Drink off base - public places	56	02	04	04	15	49
Drink with mate	-02	04	10	01	64	47
Drink with friends	54	04	-07	03	30	55
Drink with co-workers	69	07	-08	04	11	62
Drink with strangers	42	11	03	18	13	34
Drink alone	13	00	04	23	32	34
Drink since arriving at current installation	-07	82	01	08	01	65
Drink since joining service	-10	84	01	07	04	67

Note: All values are shown without decimal points. For example, the first coefficient, 27, is 0.27. The column h^2 gives the communalities.

- Drinking wine (factor III). Although frequency and quantity of wine consumed are related, the wine drinking measures are not highly related to the other measures examined. This may be due to the relatively small number of wine drinkers in the Marine Corps.

- Drinking at the job site (factor IV). The high correlations between responses to the questions about drinking before coming to work or at meal breaks while at work, and drinking during working hours at the job site, results in this two-item cluster. Frequency and quantity of alcohol consumed do not cluster with drinking at the job site. This suggests that the amount of alcohol consumed, in general, is unrelated to drinking on the job.

- Regular beer drinking with one's mate (factor V). Frequency of beer drinking, drinking off base in private places, and drinking with one's spouse or mate or date form this cluster.

TABLE F-2

CORRELATIONS OF ALCOHOL USE FACTORS

Factor	I	II	III	IV	V
I	100	48	30	41	51
II	40	100	25	11	35
III	30	25	100	33	31
IV	41	11	33	100	40
V	51	35	31	40	100

Note: Decimal points omitted.

Correlations of Factors of Alcohol Use

Table F-2 shows the correlations among these five factors. There is a moderately high correlation of the first factor with the other drinking behavior patterns. Those Marines who drink a lot do so in a social context, at home with family, and at the job site, and are drinking more beer since joining the Marine Corps. Of course, those that drink less are not as likely to do their drinking in such a variety of circumstances.

TABLE F-3

FACTOR LOADINGS FOR DRUG USE MEASURES

Measure	Factor I	II	III	IV	V	VI	VII	VIII	IX	h^2
Drug use since joining	10	04	11	08	10	07	07	61	10	74
Drug use at current assignment	10	02	10	08	09	07	06	59	16	74
Marijuana use frequency last 30 days	55	-11	01	04	04	00	04	28	15	65
Other drugs use frequency last 30 days	09	-06	61	01	01	01	08	08	09	57
Pills use frequency last 30 days	-05	-04	74	02	01	01	06	08	09	61
Marijuana use frequency last 12 months	64	-06	-04	01	08	00	03	18	11	64
Other drugs use frequency last 12 months	07	-01	69	01	01	00	04	01	07	61
Pills use frequency last 12 months	-02	00	82	00	01	05	02	01	03	69
Frequency use on leave	28	06	-01	06	10	07	03	39	34	76
Frequency use off duty	47	-06	00	06	08	03	02	33	30	83
Frequency use on duty	57	-08	04	05	03	05	09	15	20	71
Marijuana with alcohol	15	08	02	04	07	10	01	34	44	68
Other drugs with alcohol	03	16	12	03	03	09	05	-06	68	73
Pills with alcohol	-02	16	22	02	02	00	06	-07	63	67
Marijuana before/during work	71	-05	04	01	03	-02	07	02	01	62
Other drugs before/during work	17	00	67	00	00	00	00	-04	-04	57
Pills before/during work	02	00	79	00	00	32	00	00	-05	62
Marijuana ever used	04	37	-08	-03	-07	-09	00	58	20	83
Marijuana used before joining	-02	52	04	03	05	04	02	53	-07	67
Marijuana used during training	18	-02	-10	02	01	66	60	06	-01	48
Marijuana used after training	03	-06	-05	03	06	49	06	19	-02	57
Other drugs ever used	05	54	01	-02	02	-07	-02	-01	-04	77
Other drugs used before training	07	77	-06	03	04	-02	04	02	13	70
Other drugs used during training	-01	01	03	-02	00	90	80	-05	-01	62
Other drugs used after training	01	-04	-01	00	00	48	01	-06	07	81

TABLE F-3 (Cont'd)

Measure	Factor I	II	III	IV	V	VI	VII	VIII	IX	h^2
Pills ever used	01	58	-02	-02	-01	-06	-03	00	00	79
Pills used before joining	03	82	-03	03	02	00	05	02	12	74
Pills used during training	-09	02	10	00	00	88	77	-04	00	60
Pills used after training	00	-03	05	00	-01	01	00	-07	03	77
Frequency of use with mate	64	04	07	00	00	00	-01	00	02	49
Frequency of use with family/friends	74	02	-06	00	02	00	03	05	07	62
Frequency of use with co-workers	82	00	-09	02	02	00	07	02	06	74
Frequency of use with strangers	54	06	24	-02	00	02	-05	-10	-04	42
Frequency of use alone	71	03	13	00	00	01	-04	00	-03	59
Frequency of use on base, private	79	00	00	02	00	02	04	-02	00	65
Frequency of use off base, private	81	00	-04	03	01	00	02	05	01	71
Frequency of use on base, public	68	06	16	00	00	00	01	-14	-09	54
Frequency of use off base, public	78	-06	05	01	01	00	04	-08	-05	64
Number in unit who use marijuana	-05	01	00	75	-01	00	-02	04	02	55
Number in unit who use marijuana during duty hours	04	-03	-02	85	00	-01	00	00	-03	71
Number in unit who use other drugs/pills	-02	02	-01	87	00	01	00	-05	02	75
Number in unit who use other drugs during duty hours	-01	-01	-01	81	00	-01	01	-07	-01	64
Identified as drug user	-01	-01	02	-01	05	00	-01	-06	-01	83
Identified as drug user (alternate)	-02	00	-02	00	96	00	00	-01	-02	89
Identified as marijuana user	-01	01	00	-01	98	-01	00	-02	-03	90

Note: All values are shown without decimal points. The column h^2 gives the communalities.

TABLE F-4

CORRELATIONS OF DRUG USE FACTORS

Factor	I	II	III	IV	V	VI	VII	VIII	IX
I	100	13	52	25	34	19	39	28	38
II	13	100	12	16	18	27	16	27	18
III	52	12	100	12	13	15	34	02	27
IV	25	16	12	100	19	20	21	22	22
V	34	18	13	19	100	21	23	31	24
VI	19	27	15	20	21	100	27	24	26
VII	39	16	34	21	23	27	100	18	32
VIII	28	27	02	22	31	24	18	100	29
IX	38	18	27	22	24	26	32	29	100

Note: Decimal points are omitted.

DRUG USE PATTERNS

Nine factors, accounting for 74 percent of the variation among the responses to the 45 items, emerge from the analysis (table F-3). The amount of variance accounted for by the common factors is reasonably large, and is a good indication that the responses to these drug-related items were not random. The nine factors, or item clusters, are:

- Recent marijuana use with other people (factor I). The items that group together under this factor suggest a profile of the frequent marijuana user in the Marine Corps. Frequent marijuana users tend to smoke with buddies, co-workers, and family members. They use marijuana on and off base in public as well as private places. Frequent users do so on duty days and on off-duty days. They use it with buddies, co-workers, or family members either 2 hours or less before going to work or during the work day. (We were not able to distinguish exactly when during the work day people used marijuana.)

- Multiple drug use (factors II, IV, VI, VII). Those indicating that they used one kind of drug before joining the Marine Corps were likely to have used other drugs then, as well. This pattern of multiple drug use shows up in three factors. The factors differ with respect to when (before joining, during and after training), the different

kinds of drugs were used together. Although separate clusters were found, the correlations among the factors are all positive, with a high enough value (about 0.25) to suggest that a significant proportion of people who were multiple drug users before joining continue to be multiple drug users in the Marine Corps. Although the factor analysis identifies that this behavior pattern exists, it doesn't tell us anything about the prevalence of continued multiple drug use, that is, what fraction of the population exhibits this behavior.

- Recent use of pills and other drugs (factor III). Those who used pills and other drugs during the last 30 days and last 12 months tended to do so 2 hours or less before going to work or during the working day.

- Perceptions of drug use of others (factor IV). Marines were consistent in their estimation of their buddies' use of marijuana and other drugs under a variety of circumstances. Note that one kind of consistent response to these items is "don't know." In fact, this was the typical response to these items.

- Identified as a drug user by the Marine Corps (factor V). Those who were identified were identified as marijuana users.

- Changing patterns of drug use (factor VIII). Three kinds of items clustered on this factor. One cluster contained items indicating the degree to which drug consumption changed since respondents entered the Marine Corps and since they came to the current installation. The other items forming the cluster are also time related, though in a more "abstract" sense. The "times" referred to here are: while drinking alcohol, while on leave, and during off-duty days. The behavior pattern suggested here is that those who use more drugs since joining the Marine Corps, particularly marijuana, tend to do so while off duty and on leave, and tend to drink at the same time.

- Drug and alcohol use (factor IX). This behavior pattern involves the combined use of drugs and alcohol while on leave and off duty. Unlike the pattern described as factor VIII, this pattern is unrelated to use before respondents entered the Marine Corps and is not restricted to marijuana use.

Correlations of Drug Use Factors

The correlations among the factors themselves (shown in table F-4) also provide insights into Marines' overall patterns of drug use. The highest correlation observed is between "marijuana use with buddies" and "recent use of other drugs and pills" (factors I and III). On average, the "buddies" factor tends to correlate more highly with the other factors than do the other factors among themselves. These results suggest that the more often Marines use drugs, the greater the likelihood they (1) will use them with other people, (2) will use alcohol at the same time and will have been identified by the Marine Corps as drug users, and (3) will be using drugs more often than they did before entering the Marine Corps.

Of course, this drug use syndrome is a matter of degree and must be interpreted along with the prevalence rates. Drug use is decreasing. Most Marines use drugs less than they did before joining. Less drug use goes along with less alcohol use. Because the average Marine does not use drugs, the overall picture is one of drug use on the decline, relative to what it was for most Marines before they joined the service.

PATTERNS OF PERCEIVED CONSEQUENCES OF USE

The 15 items about "things that happen in general" were examined using factor analysis to determine the relationships between such things as missing work, low job performance, getting into fights, being arrested, court martials, and family arguments.

The correlation matrix of the 15 items produced three factors that accounted for 55 percent of the common variance. The factor coefficients are shown in table F-5. The factors identified were: getting into trouble, job performance, and family problems.

- Getting into trouble (factor I). The items that characterize this factor, in order of importance, are: being arrested, spending time in the brig, causing accidents, being hurt in an accident, being hospitalized, receiving a Uniform Code of Military Justice (UCMJ) action, and hitting someone. Missing work due to illness is also related to this pattern of events. This relationship suggests that the illness could be trauma-related and a consequence of being hurt in an accident or fight.

- Job performance (factor II). Low performance ratings and not being promoted are highly related, as expected. Job performance is tied to the "Getting into trouble" factor through missing work due to illness and UCMJ actions.

TABLE F-5

FACTOR ANALYSIS OF "THINGS THAT HAPPEN IN GENERAL" ITEMS

	Factor			
	Trouble (I)	Job performance (II)	Family problems (III)	h^2 (communality)
Missed work due to illness	35	18	01	16
Not promoted	-03	62	05	39
Got low performance rating	06	69	00	48
Involved in UCMJ actions	48	17	-06	26
Arrested for moving violation	69	-01	-02	48
Arrested for other reasons	83	-04	-03	69
Spent time in brig	83	-04	-05	69
Hurt in accident	56	-00	00	31
Caused accident	72	-08	10	53
Hit mate	22	-00	56	36
Hit children	63	-07	22	45
Hit others	30	07	07	10
Mate threatened to leave	-08	04	81	66
Mate left	32	03	49	34
Hospitalized	62	03	06	39

Factor correlations

Factor	I	II	III
I	100	41	57
II	41	100	20
III	57	20	100

Note: All values are shown without decimal points.

- Family problems (factor III). This factor is defined by items such as mate threatening to leave, hitting one's mate, and mate leaving.

The correlations among the factors themselves are shown in table F-5. Note that factors II and III (job performance and family squabbles) are rather highly correlated with factor I (getting into trouble)--0.41 and 0.57--but not with each other--0.20. Thus, getting into trouble has serious, but indirect, consequences on job performance and family life.

OPINIONS ABOUT HEAVY DRINKING AND DRUG USE

Respondents were asked to express the degree to which they agreed or disagreed with 16 statements about drinking and drug use. The statements focused on Marine Corps policy, the relative effects of heavy drinking and drug use, and general opinions about drug use.

Factor analysis was again used to determine the underlying structure of the responses to these items. Three factors, accounting for 60 percent of the variation among the item responses, emerged from the analysis. Factor coefficients are shown in table F-6. The content of the factors can be summarized as follows.

- Philosophy of use (factor I). The items defining this factor are related to a Marine's general philosophy concerning marijuana use. The item with the highest correlation with the factor is degree of agreement with the statement "Marine Corps policy should be that Marines will not use marijuana under any circumstances." Those who agree with this policy also feel that Marines who use drugs make the entire Marine Corps look bad, are opposed to Marines using marijuana at any time, believe the drug is bad for one's health, and believe that marijuana should not be legalized.

- Drugs versus heavy drinking (factor II). The items that ask Marines to compare the "lesser of two evils" (heavy drinking versus drug use) form this cluster. Those who feel that drug use has a greater effect on physical fitness than heavy drinking also believe that drugs have a greater effect on one's ability to do his job and that it is more important for the Marine Corps to crack down on drug use than on heavy drinking.

- On-base use (factor III). Two items make up this factor. Marines who are opposed to marijuana use while on duty are also opposed to its use on base (in general).

These factor analyses have provided some insights into the behavior patterns and circumstances surrounding drug and alcohol consumption by Marines. They also attest to the high level of consistency of the data.

TABLE F-6

FACTOR ANALYSIS OF ATTITUDE ITEMS

Item	Factor: Philosophy of use (I)	Drugs versus heavy drinking (II)	On-base use (III)	h^2 (Communality)
Opposed to marijuana use				
Ever	68	08	29	70
On base	30	-02	78	79
On duty	09	-09	85	74
Affects performance	-36	12	25	15
Legalize marijuana	-63	04	03	37
Policy: never use	79	10	12	74
Policy: okay now	50	13	08	34
Marijuana bad for health	63	11	07	49
Alcohol bad for health	35	-08	24	20
Enforce drugs versus alcohol	13	65	-04	47
Drugs worse than alcohol on physical fitness	02	87	-04	76
Drugs worse than alcohol on job performance	03	83	-03	70
Drug use bad for Marine Corps image	73	21	04	69
Alcohol abuse bad for Marine Corps image	53	06	06	33
Drug use among all ranks fairly treated	40	23	01	27
				60

Factor correlations

Factor	I	II	III
I	100	29	24
II	29	100	19
III	24	19	100

Note: All values are shown without decimal points.

APPENDIX G

PREVALENCE RATES

APPENDIX G

PREVALENCE RATES

Prevalence measures of alcohol and drug use are broken down by unit type, location, and pay grade. Prevalence rates are shown as the percentage of a subpopulation that falls into a particular usage-level category, such as "nondrinker."

The rates are statistical estimates and, therefore, subject to sampling error. Sampling errors are expressed as 95-percent confidence intervals. The intervals are formed by adding and subtracting 1.96 standard error to the estimates. The interval is expected to contain the "true" prevalence rate for 95 out of 100 samples drawn from the population.

The standard error (SE) values shown in the tables are 1.96 standard errors and have been adjusted for design effects. A # symbol, in place of a numeric value, indicates that there were insufficient data to calculate a standard error.

TABLE G-1A

ALCOHOL INDEX
PAY GRADES E1-E5

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FS3G										
NON-DRINKER	15	3	17	4	15	3	13	3	15	2
<1 BEER	34	4	34	5	23	4	30	4	32	3
2 BEERS	23	4	24	4	23	4	20	4	23	3
4 BEERS	13	3	12	3	15	3	13	3	13	2
6 BEERS	7	2	6	2	8	3	11	3	7	2
>6 BEERS	9	3	7	3	17	3	13	3	10	2
DIVISION										
NON-DRINKER	13	2	13	2	15	2	15	2	13	1
<1 BEER	28	2	26	3	23	3	23	3	26	2
2 BEERS	26	2	26	3	21	3	22	3	25	2
4 BEERS	13	2	12	2	11	2	14	2	13	1
6 BEERS	9	2	11	2	10	2	8	2	10	1
>6 BEERS	12	2	12	2	21	2	17	2	14	1
AIR										
NON-DRINKER	16	2	15	2	20	2	13	2	15	1
<1 BEER	28	2	29	2	20	2	28	2	28	1
2 BEERS	27	2	26	2	21	2	27	2	26	1
4 BEERS	14	1	13	1	14	1	13	2	14	1
6 BEERS	6	1	8	1	10	1	7	1	7	< 1
>6 BEERS	9	1	9	1	15	2	11	2	10	< 1
BASE										
NON-DRINKER	20	2	21	3	18	2	20	3	20	2
<1 BEER	36	3	37	3	30	2	35	3	36	2
2 BEERS	21	2	23	3	20	2	21	3	22	2
4 BEERS	10	2	11	2	13	2	7	2	10	1
6 BEERS	5	1	5	1	7	1	5	1	5	1
>6 BEERS	7	1	3	1	12	2	12	2	6	< 1
COMBINED										
NON-DRINKER	14	1	15	2	16	2	14	2	15	< 1
<1 BEER	29	2	29	2	22	2	27	2	28	1
2 BEERS	25	2	26	2	21	2	23	2	25	1
4 BEERS	13	1	12	1	12	2	13	2	13	< 1
6 BEERS	8	1	9	1	9	1	9	1	8	< 1
>6 BEERS	10	1	9	1	19	2	15	2	11	< 1

TABLE G-1B

ALCOHOL INDEX
PAY GRADES E6-06

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
NON-DRINKER	24	4	21	4	15	3	27	4	23	3
<1 BEER	38	5	42	5	39	4	42	4	40	3
2 BEERS	25	4	26	5	29	4	21	4	25	3
4 BEERS	7	2	7	3	8	3	7	2	7	2
6 BEERS	3	1	3	2	3	2	1	1	3	1
>6 BEERS	3	2	2	1	6	2	2	1	3	1
DIVISION										
NON-DRINKER	16	3	19	4	14	3	15	4	16	3
<1 BEER	43	4	39	5	40	5	36	5	40	3
2 BEERS	25	4	28	5	25	4	25	4	26	3
4 BEERS	8	2	10	3	10	3	14	3	10	2
6 BEERS	6	2	2	2	5	2	3	2	4	1
>6 BEERS	3	2	3	2	5	2	7	3	4	1
AIR										
NON-DRINKER	18	2	18	3	13	2	17	2	18	2
<1 BEER	41	3	38	3	37	3	30	3	38	2
2 BEERS	28	3	28	3	25	3	31	3	28	2
4 BEERS	8	2	10	2	17	2	14	2	10	1
6 BEERS	3	< 1	3	1	4	1	4	1	3	< 1
>6 BEERS	2	< 1	3	1	5	1	5	2	3	< 1
BASE										
NON-DRINKER	19	2	23	3	15	2	19	3	21	2
<1 BEER	44	3	38	3	39	2	41	4	41	2
2 BEERS	21	2	26	3	26	2	20	3	23	2
4 BEERS	9	2	8	2	13	2	10	3	9	1
6 BEERS	4	1	2	< 1	3	< 1	7	2	3	< 1
>6 BEERS	3	< 1	3	1	4	1	2	1	3	< 1
COMBINED										
NON-DRINKER	18	2	20	2	14	2	19	2	19	1
<1 BEER	42	3	39	3	39	3	37	3	39	2
2 BEERS	26	2	27	3	26	2	25	3	26	1
4 BEERS	8	1	9	2	13	2	11	2	9	< 1
6 BEERS	4	1	3	< 1	4	1	3	1	3	< 1
>6 BEERS	2	< 1	3	1	5	1	5	1	3	< 1

TABLE G-1C

ALCOHOL INDEX
ALL PAY GRADES

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
NON-DRINKER	16	4	18	4	15	4	15	3	16	2
<1 BEER	34	5	35	5	26	4	32	4	34	3
2 BEERS	23	4	24	5	24	4	21	4	23	2
4 BEERS	12	3	12	4	14	3	12	3	12	2
6 BEERS	6	3	5	3	7	3	9	3	7	1
>6 BEERS	9	3	6	3	15	4	11	3	9	2
DIVISION										
NON-DRINKER	13	2	13	2	15	3	15	3	14	1
<1 BEER	29	3	28	3	25	3	25	3	28	2
2 BEERS	26	3	26	3	21	3	23	3	25	2
4 BEERS	12	2	12	2	11	2	14	3	12	1
6 BEERS	9	2	10	2	9	2	7	2	9	1
>6 BEERS	11	2	11	2	19	3	16	3	12	1
AIR										
NON-DRINKER	16	2	16	2	18	2	14	2	16	1
<1 BEER	32	2	31	2	25	2	29	2	31	1
2 BEERS	27	2	26	2	22	2	28	2	27	1
4 BEERS	13	1	12	2	15	2	13	2	13	< 1
6 BEERS	5	1	7	1	8	1	6	1	6	< 1
>6 BEERS	7	1	8	1	12	2	10	2	8	< 1
BASE										
NON-DRINKER	20	2	22	3	17	2	20	3	20	1
<1 BEER	39	3	37	3	33	2	38	3	38	2
2 BEERS	21	2	24	3	22	2	21	3	22	1
4 BEERS	10	2	10	2	13	2	8	2	10	1
6 BEERS	5	1	4	1	6	1	6	2	5	< 1
>6 BEERS	5	1	3	1	9	1	7	2	5	< 1
COMBINED										
NON-DRINKER	15	1	16	1	16	2	15	2	15	< 1
<1 BEER	32	2	31	2	25	2	28	2	30	< 1
2 BEERS	25	2	26	2	22	2	23	2	25	< 1
4 BEERS	12	1	12	1	12	1	13	2	12	< 1
6 BEERS	7	< 1	8	1	8	1	8	1	7	< 1
>6 BEERS	9	1	8	1	16	2	13	2	10	< 1

TABLE G-2A

ANY DRUG USE LAST 30 DAYS
PAY GRADES E1-E5

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG	21	4	17	4	20	4	13	3	18	3
DIVISION	26	2	25	3	21	2	17	2	24	2
AIR	15	2	17	2	22	2	14	2	16	1
BASE	13	2	10	2	14	2	6	2	11	2
COMBINED	21	2	20	2	21	2	15	2	20	1

TABLE G-2B

ANY DRUG USE LAST 30 DAYS
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG	< 1	< 1	< 1	< 1	8	2	< 1	< 1	1	< 1
DIVISION	3	2	2	2	3	2	3	2	3	1
AIR	2	< 1	2	< 1	3	1	3	1	2	< 1
BASE	2	< 1	< 1	< 1	4	< 1	2	1	2	< 1
COMBINED	2	< 1	2	< 1	4	1	2	1	2	< 1

TABLE G-2C

ANY DRUG USE LAST 30 DAYS
ALL PAY GRADES

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG	18	4	15	4	18	5	11	3	15	2
DIVISION	23	3	22	3	19	3	15	3	21	2
AIR	12	2	13	2	17	2	12	2	13	1
BASE	9	2	7	2	10	2	4	1	8	1
COMBINED	18	2	17	2	18	2	13	2	17	< 1

TABLE G-3A

ANY DRUG USE LAST 12 MONTHS
PAY GRADES E1-E5

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG	35	6	34	7	33	6	36	6	35	4
DIVISION	39	4	40	4	39	4	41	4	39	2
AIR	30	3	30	3	37	3	38	3	31	2
BASE	24	3	18	4	23	3	21	4	21	2
COMBINED	35	2	35	2	37	3	38	3	35	1

TABLE G-3B

ANY DRUG USE LAST 12 MONTHS
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG	5	3	2	2	14	4	3	2	4	1
DIVISION	6	3	3	3	5	3	8	4	5	2
AIR	4	2	3	2	5	2	8	3	4	1
BASE	3	1	2	1	5	2	3	2	3	< 1
COMBINED	5	1	3	1	6	2	6	2	4	< 1

TABLE G-3C

ANY DRUG USE LAST 12 MONTHS
ALL PAY GRADES

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG	31	5	29	6	30	5	31	5	30	3
DIVISION	35	3	35	4	35	4	37	4	35	2
AIR	23	2	24	2	29	2	31	3	25	1
BASE	17	2	13	3	17	2	13	2	15	1
COMBINED	29	2	29	2	31	2	33	2	30	1

TABLE G-4A

DRUG USE LAST 30 DAYS
PAY GRADES E1-E5

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
MARIJUANA	18	3	16	3	18	4	6	2	14	3
OTHER DRUGS	10	3	6	2	9	3	4	2	7	2
PILLS	5	2	6	2	6	2	8	2	6	2
DIVISION										
MARIJUANA	24	2	23	2	20	2	13	2	22	2
OTHER DRUGS	11	2	7	1	11	2	8	2	9	1
PILLS	7	1	9	2	6	1	8	2	8	1
AIR										
MARIJUANA	13	1	15	2	20	2	12	2	14	1
OTHER DRUGS	7	1	5	< 1	10	1	4	1	6	< 1
PILLS	4	< 1	5	< 1	8	1	6	1	5	< 1
BASE										
MARIJUANA	11	2	9	2	12	2	4	1	10	2
OTHER DRUGS	4	1	3	1	5	1	3	1	4	< 1
PILLS	3	< 1	2	< 1	4	1	4	1	3	< 1
COMBINED										
MARIJUANA	19	2	19	2	19	2	10	2	18	1
OTHER DRUGS	9	1	6	1	10	2	6	1	8	< 1
PILLS	5	1	7	1	6	1	8	2	6	< 1

TABLE G-4B

DRUG USE LAST 30 DAYS
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
MARIJUANA	< 1	< 1	< 1	< 1	7	2	< 1	< 1	< 1	< 1
OTHER DRUGS	< 1	< 1	< 1	< 1	4	1	< 1	< 1	< 1	< 1
PILLS	< 1	< 1	< 1	< 1	5	1	< 1	< 1	< 1	< 1
DIVISION										
MARIJUANA	3	2	1	2	3	2	3	2	2	1
OTHER DRUGS	1	1	1	1	1	1	2	2	1	< 1
PILLS	2	1	2	1	1	1	2	1	2	1
AIR										
MARIJUANA	2	< 1	2	< 1	2	< 1	2	1	2	< 1
OTHER DRUGS	< 1	< 1	< 1	< 1	2	< 1	2	1	1	< 1
PILLS	< 1	< 1	< 1	< 1	1	< 1	2	1	< 1	< 1
BASE										
MARIJUANA	2	< 1	< 1	< 1	4	< 1	< 1	< 1	1	< 1
OTHER DRUGS	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
PILLS	< 1	< 1	< 1	< 1	1	< 1	1	1	< 1	< 1
COMBINED										
MARIJUANA	2	< 1	1	< 1	4	1	2	1	2	< 1
OTHER DRUGS	1	< 1	< 1	< 1	2	< 1	2	< 1	1	< 1
PILLS	< 1	< 1	< 1	< 1	2	< 1	1	< 1	1	< 1

TABLE G-4C

DRUG USE LAST 30 DAYS
ALL PAY GRADES

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
MARIJUANA	15	4	14	4	16	4	5	2	12	2
OTHER DRUGS	9	3	5	3	8	3	3	2	6	2
PILLS	5	2	5	3	6	3	6	3	5	2
DIVISION										
MARIJUANA	21	3	21	3	17	3	12	3	19	2
OTHER DRUGS	10	2	6	2	9	2	7	2	8	1
PILLS	6	2	8	2	5	2	7	2	7	1
AIR										
MARIJUANA	10	2	12	2	15	2	10	2	11	< 1
OTHER DRUGS	6	1	4	1	8	1	4	1	5	< 1
PILLS	3	< 1	4	1	6	1	5	1	4	< 1
BASE										
MARIJUANA	8	2	6	2	9	2	3	1	7	1
OTHER DRUGS	3	1	2	1	4	1	2	1	2	< 1
PILLS	2	< 1	2	< 1	3	< 1	2	1	2	< 1
COMBINED										
MARIJUANA	16	2	16	2	16	2	9	1	15	< 1
OTHER DRUGS	8	1	5	1	8	1	5	1	6	< 1
PILLS	5	< 1	6	1	6	1	6	1	5	< 1

TABLE G-5A

DRUG USE FREQUENCY LAST 12 MONTHS
PAY GRADES E1-E5

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
MARIJUANA										
DAILY	3	2	1	2	10	4	3	2	3	1
1,2/WEEK	12	4	10	4	6	3	6	3	10	2
1,2/MONTH	8	3	6	3	5	3	7	3	7	2
1,2/YEAR	10	4	15	5	10	4	17	5	14	3
NEVER	67	6	67	7	68	6	67	6	67	4
OTHER DRUGS										
DAILY	0	#	< 1	< 1	1	2	< 1	< 1	< 1	< 1
1,2/WEEK	2	2	< 1	1	2	2	2	2	1	< 1
1,2/MONTH	7	3	3	2	4	3	6	3	5	2
1,2/YEAR	8	4	8	4	11	4	8	3	8	2
NEVER	82	5	89	5	81	5	83	5	85	3
PILLS										
DAILY	< 1	< 1	< 1	1	1	1	< 1	< 1	< 1	< 1
1,2/WEEK	1	2	1	1	1	2	2	2	1	< 1
1,2/MONTH	3	2	3	3	5	3	8	3	4	1
1,2/YEAR	9	4	10	4	13	4	8	3	10	2
NEVER	86	4	85	5	80	5	81	5	84	3
DIVISION										
MARIJUANA										
DAILY	7	2	4	1	7	2	4	2	5	< 1
1,2/WEEK	10	2	9	2	8	2	9	3	9	1
1,2/MONTH	10	2	13	3	9	2	10	3	11	1
1,2/YEAR	10	2	13	3	13	3	15	3	12	2
NEVER	63	4	62	4	62	4	61	4	62	2
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
1,2/WEEK	3	1	2	1	3	1	3	1	2	< 1
1,2/MONTH	9	2	5	2	7	2	9	2	7	1
1,2/YEAR	9	2	9	2	10	3	9	3	9	1
NEVER	78	3	84	3	79	4	78	4	80	2
PILLS										
DAILY	< 1	< 1	< 1	< 1	1	< 1	2	1	< 1	< 1
1,2/WEEK	1	< 1	2	1	< 1	< 1	2	1	2	< 1
1,2/MONTH	6	2	6	2	6	2	8	2	6	1
1,2/YEAR	8	2	9	2	9	3	8	3	9	1
NEVER	84	3	83	3	83	3	79	4	83	2

TABLE G-5A (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
MARIJUANA										
DAILY	3	1	2	< 1	8	2	6	1	3	< 1
1,2/WEEK	6	1	6	2	9	2	7	2	6	< 1
1,2/MONTH	7	2	8	2	6	2	8	2	7	< 1
1,2/YEAR	12	2	13	2	13	2	16	3	13	1
NEVER	72	3	71	3	64	3	63	3	70	2
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	1	< 1	1	< 1	1	< 1	2	< 1	1	< 1
1,2/MONTH	5	1	4	1	4	1	5	1	5	< 1
1,2/YEAR	8	2	7	2	13	2	10	2	8	< 1
NEVER	85	2	88	2	80	2	83	3	86	1
PILLS										
DAILY	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	1	< 1	1	< 1	1	< 1	2	1	1	< 1
1,2/MONTH	2	< 1	5	1	3	1	4	1	4	< 1
1,2/YEAR	8	2	7	2	9	2	13	2	8	< 1
NEVER	88	2	87	2	84	2	81	3	86	1
BASE										
MARIJUANA										
DAILY	1	< 1	< 1	< 1	5	2	2	1	1	< 1
1,2/WEEK	5	2	4	2	6	2	4	2	4	1
1,2/MONTH	7	2	4	2	5	2	6	2	5	1
1,2/YEAR	10	2	9	3	5	2	8	3	9	2
NEVER	77	3	82	4	78	3	81	4	80	2
OTHER DRUGS										
DAILY	< 1	< 1	0	#	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	2	1	< 1	< 1
1,2/MONTH	3	1	1	1	4	1	4	2	2	< 1
1,2/YEAR	6	2	3	2	6	2	6	2	5	1
NEVER	90	2	95	2	88	2	88	3	92	1
PILLS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	1	< 1	2	1	< 1	< 1
1,2/MONTH	2	1	2	1	4	1	4	2	2	< 1
1,2/YEAR	4	2	3	2	5	2	7	3	4	1
NEVER	93	2	94	2	90	2	87	3	93	1

TABLE G-5A (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
MARIJUANA										
DAILY	5	1	2	< 1	8	1	4	1	4	< 1
1,2/WEEK	9	1	8	1	8	1	8	2	8	< 1
1,2/MONTH	8	1	9	2	8	2	9	2	9	< 1
1,2/YEAR	11	1	13	2	12	2	16	2	13	< 1
NEVER	67	2	67	2	64	3	64	3	66	1
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	2	< 1	1	< 1	2	< 1	2	< 1	2	< 1
1,2/MONTH	7	1	4	1	6	1	7	2	6	< 1
1,2/YEAR	9	1	8	1	10	2	9	2	9	< 1
NEVER	82	2	87	2	80	2	81	2	83	1
PILLS										
DAILY	< 1	< 1	< 1	< 1	1	< 1	1	< 1	< 1	< 1
1,2/WEEK	1	< 1	2	< 1	< 1	< 1	2	< 1	1	< 1
1,2/MONTH	4	< 1	5	1	5	1	7	2	5	< 1
1,2/YEAR	8	1	8	1	10	2	9	2	8	< 1
NEVER	86	2	85	2	83	2	81	2	85	1

TABLE G-5B

DRUG USE FREQUENCY LAST 12 MONTHS
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
MARIJUANA										
DAILY	< 1	1	< 1	< 1	4	2	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	1	0	#	3	2	< 1	1	< 1	< 1
1,2/MONTH	0	#	0	#	2	2	0	#	< 1	< 1
1,2/YEAR	3	2	2	2	6	2	2	2	3	1
NEVER	95	3	98	2	86	4	97	2	96	1
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	3	2	< 1	< 1	< 1	< 1
1,2/WEEK	0	#	0	#	2	1	0	#	< 1	< 1
1,2/MONTH	< 1	< 1	0	#	1	2	< 1	< 1	< 1	< 1
1,2/YEAR	< 1	1	< 1	< 1	< 1	1	< 1	1	< 1	< 1
NEVER	98	2	>99	1	93	3	99	2	99	< 1
PILLS										
DAILY	0	#	< 1	< 1	5	2	< 1	< 1	< 1	< 1
1,2/WEEK	0	#	0	#	0	#	0	#	0	#
1,2/MONTH	0	#	0	#	0	#	< 1	1	< 1	< 1
1,2/YEAR	< 1	1	0	#	< 1	1	< 1	1	< 1	< 1
NEVER	>99	1	>99	< 1	94	2	99	2	>99	< 1
DIVISION										
MARIJUANA										
DAILY	1	1	1	1	1	2	2	2	1	< 1
1,2/WEEK	1	2	< 1	< 1	2	2	< 1	2	< 1	< 1
1,2/MONTH	1	2	< 1	1	< 1	1	1	2	< 1	< 1
1,2/YEAR	2	2	1	2	< 1	< 1	4	3	2	< 1
NEVER	94	3	97	3	95	3	92	4	95	2
OTHER DRUGS										
DAILY	< 1	< 1	< 1	1	1	2	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	0	#	< 1	1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	1	0	#	< 1	1	< 1	< 1
1,2/YEAR	1	2	< 1	1	< 1	2	2	2	1	< 1
NEVER	97	2	98	2	98	3	96	3	98	1
PILLS										
DAILY	< 1	< 1	< 1	1	1	2	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	0	#	0	#	< 1	< 1	< 1	< 1
1,2/MONTH	1	1	< 1	1	0	#	< 1	< 1	< 1	< 1
1,2/YEAR	< 1	1	< 1	1	0	#	2	2	< 1	< 1
NEVER	97	2	98	2	99	2	97	3	98	1

TABLE G-5B (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
MARIJUANA										
DAILY	< 1	< 1	< 1	< 1	< 1	1	1	1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	1	1	< 1	2	2	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	2	1	2	1	< 1	< 1
1,2/YEAR	2	1	1	1	1	1	2	1	2	< 1
NEVER	96	2	97	2	95	2	92	3	96	< 1
OTHER DRUGS										
DAILY	< 1	< 1	0	#	2	1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	1	1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	0	#	< 1	< 1	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	< 1	< 1	3	1	< 1	< 1
NEVER	98	1	>99	< 1	98	1	94	2	98	< 1
PILLS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	1	< 1	1	1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
NEVER	99	1	>99	< 1	98	1	96	2	99	< 1
BASE										
MARIJUANA										
DAILY	< 1	< 1	< 1	< 1	1	< 1	0	#	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	1	< 1	2	2	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	2	< 1	0	#	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	1	< 1	< 1	1	< 1	< 1
NEVER	97	1	98	1	95	2	97	2	97	< 1
OTHER DRUGS										
DAILY	< 1	< 1	0	#	0	#	0	#	< 1	< 1
1,2/WEEK	0	#	0	#	< 1	< 1	1	2	< 1	< 1
1,2/MONTH	< 1	< 1	0	#	< 1	< 1	0	#	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	1	< 1	0	#	< 1	< 1
NEVER	99	< 1	>99	< 1	98	1	99	2	>99	< 1
PILLS										
DAILY	< 1	< 1	0	#	< 1	< 1	0	#	< 1	< 1
1,2/WEEK	< 1	< 1	0	#	0	#	< 1	1	< 1	< 1
1,2/MONTH	0	#	0	#	< 1	< 1	0	#	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	0	#	< 1	1	< 1	< 1
NEVER	99	< 1	>99	< 1	99	< 1	98	2	>99	< 1

TABLE G-5B (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
MARIJUANA										
DAILY	1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	2	< 1	1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	2	< 1	1	< 1	2	< 1	3	1	2	< 1
NEVER	96	1	97	1	94	2	94	2	96	< 1
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1
NEVER	98	< 1	>99	< 1	97	1	97	1	98	< 1
PILLS										
DAILY	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
NEVER	98	< 1	99	< 1	98	1	97	1	98	< 1

TABLE G-5C

DRUG USE FREQUENCY LAST 12 MONTHS
ALL PAY GRADES

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
MARIJUANA										
DAILY	3	2	1	2	9	3	3	2	3	< 1
1,2/WEEK	10	3	9	3	6	3	5	3	8	2
1,2/MONTH	7	3	5	3	5	3	6	3	6	2
1,2/YEAR	9	3	13	4	9	4	14	4	12	2
NEVER	71	5	72	6	71	5	72	5	71	3
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	2	1	< 1	< 1	< 1	< 1
1,2/WEEK	2	2	< 1	1	2	2	2	1	1	< 1
1,2/MONTH	7	3	2	2	4	2	5	3	4	1
1,2/YEAR	7	3	7	3	9	3	7	3	7	2
NEVER	84	4	90	4	83	4	86	4	87	2
PILLS										
DAILY	< 1	< 1	< 1	< 1	2	1	< 1	< 1	< 1	< 1
1,2/WEEK	1	1	< 1	1	1	1	2	2	1	< 1
1,2/MONTH	3	2	3	2	4	2	7	3	4	1
1,2/YEAR	8	3	9	4	11	4	7	3	8	2
NEVER	88	4	87	4	83	4	84	4	86	2
DIVISION										
MARIJUANA										
DAILY	6	2	3	1	6	2	4	2	5	< 1
1,2/WEEK	9	2	8	2	8	2	8	2	8	1
1,2/MONTH	9	2	11	2	8	2	9	2	10	1
1,2/YEAR	9	2	12	3	12	3	14	3	11	1
NEVER	67	3	66	4	66	4	65	4	66	2
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	3	1	1	< 1	3	1	2	1	2	< 1
1,2/MONTH	8	2	5	2	7	2	8	2	7	1
1,2/YEAR	8	2	8	2	9	2	8	2	8	1
NEVER	80	3	86	3	81	3	81	3	82	2
PILLS										
DAILY	< 1	< 1	< 1	< 1	1	< 1	2	1	< 1	< 1
1,2/WEEK	1	< 1	2	1	< 1	< 1	2	1	1	< 1
1,2/MONTH	5	2	5	2	5	2	7	2	5	< 1
1,2/YEAR	8	2	8	2	8	2	8	2	8	1
NEVER	86	2	85	3	85	3	82	3	85	2

TABLE G-5C (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
MARIJUANA										
DAILY	3	< 1	1	< 1	6	1	5	1	3	< 1
1,2/WEEK	4	1	5	1	7	1	6	1	5	< 1
1,2/MONTH	5	1	6	1	5	1	7	2	6	< 1
1,2/YEAR	10	2	10	2	10	2	13	2	10	< 1
NEVER	78	2	77	2	72	2	70	3	77	1
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	1	< 1	1	< 1	1	< 1	2	< 1	1	< 1
1,2/MONTH	4	1	3	< 1	3	1	4	1	3	< 1
1,2/YEAR	6	1	5	1	9	1	8	2	6	< 1
NEVER	88	2	91	2	85	2	86	2	89	< 1
PILLS										
DAILY	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	1	< 1	1	< 1	2	< 1	1	< 1
1,2/MONTH	2	< 1	3	< 1	2	< 1	3	1	3	< 1
1,2/YEAR	6	1	6	1	7	1	10	2	6	< 1
NEVER	91	1	90	2	88	2	84	2	90	< 1
BASE										
MARIJUANA										
DAILY	1	< 1	< 1	< 1	4	1	< 1	< 1	1	< 1
1,2/WEEK	3	1	3	1	4	1	3	1	3	< 1
1,2/MONTH	5	1	3	1	4	1	3	1	4	< 1
1,2/YEAR	7	2	7	2	4	1	5	2	6	1
NEVER	84	2	87	2	84	2	88	2	86	1
OTHER DRUGS										
DAILY	< 1	< 1	0	#	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
1,2/MONTH	2	< 1	< 1	< 1	3	< 1	2	1	2	< 1
1,2/YEAR	4	1	2	1	5	1	3	1	3	< 1
NEVER	93	2	96	1	92	2	93	2	94	< 1
PILLS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
1,2/MONTH	1	< 1	1	< 1	2	< 1	2	< 1	2	< 1
1,2/YEAR	3	1	3	1	3	1	4	1	3	< 1
NEVER	95	1	96	2	93	1	92	2	95	< 1

TABLE G-5C (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
MARIJUANA										
DAILY	4	< 1	2	< 1	7	1	4	< 1	3	< 1
1,2/WEEK	7	1	7	1	7	1	7	1	7	< 1
1,2/MONTH	7	1	8	1	7	1	7	1	7	< 1
1,2/YEAR	9	1	11	1	10	2	13	2	11	< 1
NEVER	73	2	72	2	70	2	69	2	72	1
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	2	< 1	1	< 1	2	< 1	2	< 1	2	< 1
1,2/MONTH	6	1	3	< 1	5	1	6	1	5	< 1
1,2/YEAR	7	1	7	1	9	1	8	1	7	< 1
NEVER	85	2	89	1	83	2	84	2	86	< 1
PILLS										
DAILY	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	1	< 1	< 1	< 1	2	< 1	1	< 1
1,2/MONTH	3	< 1	4	< 1	4	< 1	6	1	4	< 1
1,2/YEAR	7	1	7	1	8	1	8	1	7	< 1
NEVER	89	1	88	2	86	2	84	2	87	< 1

TABLE G-6A

JOB-RELATED DRUG USE FREQUENCY
PAY GRADES E1-E5

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
ON LEAVE										
ALWAYS	5	3	4	3	7	3	8	3	5	2
MOSTLY	5	3	6	3	7	4	7	3	6	2
HALF TIME	4	2	3	2	3	2	6	3	4	1
SOME TIME	17	5	15	5	12	5	16	5	16	3
NEVER	69	6	72	6	70	6	63	6	69	3
OFF DUTY										
ALWAYS	2	2	2	2	4	3	1	1	2	< 1
MOSTLY	3	2	2	2	3	2	4	2	3	1
HALF TIME	3	2	3	2	4	3	2	2	3	1
SOME TIME	13	4	16	5	10	4	15	4	14	3
NEVER	78	5	77	6	79	6	78	5	78	3
DUTY DAYS										
ALWAYS	< 1	1	< 1	1	2	2	< 1	< 1	< 1	< 1
MOSTLY	< 1	1	< 1	1	3	2	< 1	1	< 1	< 1
HALF TIME	2	2	1	1	< 1	1	3	2	2	< 1
SOME TIME	9	4	8	4	9	4	8	3	8	2
NEVER	87	4	89	4	86	5	89	4	88	2
DIVISION										
ON LEAVE										
ALWAYS	9	2	7	2	9	2	11	3	8	1
MOSTLY	7	2	7	2	7	2	7	2	7	1
HALF TIME	5	2	3	2	4	2	5	2	4	< 1
SOME TIME	14	3	19	3	16	3	17	3	17	2
NEVER	66	4	63	4	64	4	60	4	64	2
OFF DUTY										
ALWAYS	4	1	2	1	4	2	4	2	3	< 1
MOSTLY	7	2	3	2	6	2	5	2	5	< 1
HALF TIME	4	1	3	1	3	1	3	2	3	< 1
SOME TIME	16	3	18	3	15	3	17	3	17	2
NEVER	70	4	74	4	73	4	71	4	72	2
DUTY DAYS										
ALWAYS	3	1	1	< 1	3	1	1	1	2	< 1
MOSTLY	2	1	1	< 1	2	1	3	1	2	< 1
HALF TIME	2	1	2	1	2	1	3	1	2	< 1
SOME TIME	9	2	10	3	9	2	8	2	10	1
NEVER	83	3	85	3	84	3	85	3	84	2

TABLE G-6A (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
ON LEAVE										
ALWAYS	5	1	4	1	10	2	8	2	5	< 1
MOSTLY	3	1	4	1	6	1	8	2	4	< 1
HALF TIME	3	1	3	1	3	1	4	1	3	< 1
SOME TIME	15	2	16	2	13	2	17	3	16	1
NEVER	74	3	73	3	69	3	63	3	72	2
OFF DUTY										
ALWAYS	3	< 1	2	< 1	5	1	2	< 1	2	< 1
MOSTLY	2	< 1	2	< 1	6	1	5	1	3	< 1
HALF TIME	1	< 1	2	< 1	3	1	2	< 1	2	< 1
SOME TIME	14	2	14	2	14	2	15	3	14	1
NEVER	80	2	80	3	73	3	76	3	79	1
DUTY DAYS										
ALWAYS	1	< 1	1	< 1	3	1	< 1	< 1	1	< 1
MOSTLY	< 1	< 1	< 1	< 1	3	< 1	< 1	< 1	< 1	< 1
HALF TIME	< 1	< 1	< 1	< 1	2	< 1	2	< 1	1	< 1
SOME TIME	5	1	6	1	8	2	7	2	6	< 1
NEVER	92	2	91	2	83	2	89	2	91	1
BASE										
ON LEAVE										
ALWAYS	3	1	2	1	7	2	5	2	3	< 1
MOSTLY	3	1	3	2	5	2	4	2	3	< 1
HALF TIME	2	1	1	1	3	1	2	1	2	< 1
SOME TIME	13	3	8	3	7	2	8	3	10	2
NEVER	79	3	85	3	78	3	81	4	82	2
OFF DUTY										
ALWAYS	1	< 1	< 1	< 1	3	1	< 1	< 1	1	< 1
MOSTLY	1	< 1	< 1	< 1	3	1	2	1	1	< 1
HALF TIME	1	< 1	1	< 1	4	1	2	1	1	< 1
SOME TIME	12	3	8	3	7	2	10	3	10	2
NEVER	84	3	90	3	83	3	86	3	86	2
DUTY DAYS										
ALWAYS	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
MOSTLY	< 1	< 1	< 1	< 1	2	1	< 1	< 1	< 1	< 1
HALF TIME	0	#	< 1	< 1	2	1	< 1	< 1	< 1	< 1
SOME TIME	→	2	3	1	4	1	4	2	4	< 1
NEVER	94	2	96	2	90	2	94	2	95	1

TABLE G-6A (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
ON LEAVE										
ALWAYS	6	1	5	1	9	1	9	2	7	< 1
MOSTLY	6	1	6	1	7	1	7	1	6	< 1
HALF TIME	4	< 1	3	< 1	4	1	5	1	4	< 1
SOME TIME	15	2	17	2	14	2	17	2	16	1
NEVER	69	2	69	2	67	3	62	3	68	1
OFF DUTY										
ALWAYS	3	< 1	2	< 1	4	1	3	< 1	3	< 1
MOSTLY	4	< 1	3	< 1	6	1	4	1	4	< 1
HALF TIME	3	< 1	3	< 1	3	< 1	3	< 1	3	< 1
SOME TIME	15	2	16	2	13	2	16	2	15	1
NEVER	75	2	77	2	74	2	75	3	76	1
DUTY DAYS										
ALWAYS	2	< 1	1	< 1	3	< 1	< 1	< 1	2	< 1
MOSTLY	2	< 1	1	< 1	3	< 1	2	< 1	1	< 1
HALF TIME	2	< 1	1	< 1	2	< 1	3	< 1	2	< 1
SOME TIME	8	1	8	1	9	2	8	2	8	< 1
NEVER	87	2	88	2	84	2	87	2	87	< 1

TABLE G-6B

JOB-RELATED DRUG USE FREQUENCY
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
ON LEAVE										
ALWAYS	< 1	< 1	< 1	< 1	6	2	< 1	2	< 1	< 1
MOSTLY	1	1	0	#	< 1	1	< 1	< 1	< 1	< 1
HALF TIME	< 1	< 1	0	#	0	#	< 1	1	< 1	< 1
SOME TIME	3	2	1	2	8	3	2	2	2	< 1
NEVER	96	3	99	2	86	4	96	3	96	1
OFF DUTY										
ALWAYS	< 1	< 1	< 1	< 1	3	2	< 1	< 1	< 1	< 1
MOSTLY	< 1	< 1	0	#	< 1	1	< 1	< 1	< 1	< 1
HALF TIME	0	#	0	#	2	2	< 1	< 1	< 1	< 1
SOME TIME	1	2	< 1	1	3	2	1	2	1	< 1
NEVER	98	2	>99	2	91	3	98	2	98	1
DUTY DAYS										
ALWAYS	0	#	< 1	< 1	3	2	< 1	< 1	< 1	< 1
MOSTLY	0	#	0	#	2	1	0	#	< 1	< 1
HALF TIME	0	#	0	#	0	#	0	#	0	#
SOME TIME	< 1	1	0	#	3	2	< 1	< 1	< 1	< 1
NEVER	>99	1	>99	< 1	93	3	>99	1	>99	< 1
DIVISION										
ON LEAVE										
ALWAYS	1	2	< 1	1	< 1	2	2	2	< 1	< 1
MOSTLY	< 1	< 1	< 1	1	1	2	< 1	< 1	< 1	< 1
HALF TIME	< 1	< 1	0	#	< 1	1	1	2	< 1	< 1
SOME TIME	2	2	1	2	1	2	4	3	2	1
NEVER	96	3	97	3	96	3	93	4	96	2
OFF DUTY										
ALWAYS	1	1	< 1	1	1	2	1	2	1	< 1
MOSTLY	< 1	1	< 1	< 1	< 1	1	< 1	1	< 1	< 1
HALF TIME	< 1	< 1	0	#	< 1	< 1	< 1	< 1	< 1	< 1
SOME TIME	1	2	1	2	2	2	3	3	2	1
NEVER	96	3	98	3	96	3	95	4	96	2
DUTY DAYS										
ALWAYS	< 1	< 1	< 1	1	2	2	1	2	< 1	< 1
MOSTLY	1	1	0	#	0	#	0	#	< 1	< 1
HALF TIME	< 1	< 1	< 1	1	< 1	< 1	0	#	< 1	< 1
SOME TIME	< 1	1	0	#	1	2	2	2	< 1	< 1
NEVER	97	2	99	2	97	3	97	3	98	1

TABLE G-6B (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
ON LEAVE										
ALWAYS	< 1	< 1	< 1	< 1	1	1	3	2	< 1	< 1
MOSTLY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
HALF TIME	< 1	< 1	0	#	1	< 1	1	< 1	< 1	< 1
SOME TIME	2	1	2	1	< 1	< 1	3	2	2	< 1
NEVER	97	1	97	2	96	2	92	3	96	< 1
OFF DUTY										
ALWAYS	< 1	< 1	< 1	< 1	1	1	1	1	< 1	< 1
MOSTLY	< 1	< 1	< 1	< 1	2	< 1	1	1	< 1	< 1
HALF TIME	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SOME TIME	1	1	< 1	< 1	0	#	2	1	1	< 1
NEVER	97	1	98	1	97	2	95	2	97	< 1
DUTY DAYS										
ALWAYS	< 1	< 1	< 1	< 1	< 1	1	1	1	< 1	< 1
MOSTLY	0	#	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
HALF TIME	< 1	< 1	< 1	< 1	0	#	< 1	< 1	< 1	< 1
SOME TIME	1	< 1	< 1	< 1	1	1	1	< 1	< 1	< 1
NEVER	99	1	99	1	97	2	97	2	98	< 1
BASE										
ON LEAVE										
ALWAYS	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MOSTLY	< 1	< 1	< 1	< 1	1	< 1	< 1	1	< 1	< 1
HALF TIME	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
SOME TIME	< 1	< 1	1	1	4	1	2	2	1	< 1
NEVER	97	1	98	1	93	2	96	2	97	< 1
OFF DUTY										
ALWAYS	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MOSTLY	< 1	< 1	0	#	< 1	< 1	0	#	< 1	< 1
HALF TIME	0	#	< 1	< 1	0	#	< 1	< 1	< 1	< 1
SOME TIME	1	< 1	1	1	4	1	2	2	1	< 1
NEVER	98	1	98	1	95	2	97	2	98	< 1
DUTY DAYS										
ALWAYS	< 1	< 1	0	#	< 1	< 1	0	#	< 1	< 1
MOSTLY	0	#	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
HALF TIME	< 1	< 1	0	#	0	#	< 1	1	< 1	< 1
SOME TIME	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
NEVER	99	< 1	>99	< 1	98	< 1	98	2	99	< 1

TABLE G-6B (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
ON LEAVE										
ALWAYS	< 1	< 1	< 1	< 1	2	< 1	2	< 1	< 1	< 1
MOSTLY	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
HALF TIME	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SOME TIME	2	< 1	2	< 1	2	< 1	3	1	2	< 1
NEVER	96	1	97	1	94	1	94	2	96	< 1
OFF DUTY										
ALWAYS	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
MOSTLY	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
HALF TIME	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SOME TIME	1	< 1	< 1	< 1	1	< 1	2	1	1	< 1
NEVER	97	1	98	< 1	95	1	96	2	97	< 1
DUTY DAYS										
ALWAYS	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
MOSTLY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
HALF TIME	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SOME TIME	< 1	< 1	< 1	< 1	1	< 1	1	< 1	< 1	< 1
NEVER	98	< 1	>99	< 1	96	1	98	1	98	< 1

TABLE G-6C

JOB-RELATED DRUG USE FREQUENCY
ALL PAY GRADES

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
ON LEAVE										
ALWAYS	4	2	4	2	7	2	7	3	5	1
MOSTLY	5	2	5	3	6	3	6	3	5	1
HALF TIME	3	2	2	2	3	2	5	3	3	1
SOME TIME	15	4	13	4	11	4	14	4	14	2
NEVER	73	5	75	5	73	5	68	5	73	3
OFF DUTY										
ALWAYS	2	1	1	2	4	2	< 1	1	2	< 1
MOSTLY	3	2	2	2	3	2	3	2	3	1
HALF TIME	3	2	3	2	4	2	1	1	3	1
SOME TIME	12	4	14	4	8	3	13	4	12	2
NEVER	81	5	80	5	81	5	82	4	81	3
DUTY DAYS										
ALWAYS	< 1	< 1	< 1	< 1	2	1	< 1	< 1	< 1	< 1
MOSTLY	< 1	1	< 1	1	3	2	< 1	< 1	< 1	< 1
HALF TIME	2	1	1	1	< 1	< 1	2	2	1	< 1
SOME TIME	8	3	7	3	8	3	6	3	7	2
NEVER	89	4	91	4	87	4	91	3	90	2
DIVISION										
ON LEAVE										
ALWAYS	8	2	6	2	8	2	10	2	8	1
MOSTLY	6	2	6	2	7	2	6	2	6	1
HALF TIME	4	1	3	1	4	1	4	2	4	< 1
SOME TIME	12	2	17	3	14	3	15	3	15	2
NEVER	69	3	67	4	68	4	64	4	68	2
OFF DUTY										
ALWAYS	4	1	2	1	3	1	4	1	3	< 1
MOSTLY	6	2	3	1	6	2	4	2	5	< 1
HALF TIME	3	1	2	1	2	1	3	1	3	< 1
SOME TIME	14	3	16	3	13	3	15	3	15	2
NEVER	73	3	76	3	76	3	74	4	75	2
DUTY DAYS										
ALWAYS	3	1	1	< 1	3	1	1	< 1	2	< 1
MOSTLY	2	< 1	1	< 1	2	1	3	1	2	< 1
HALF TIME	2	< 1	1	< 1	2	1	3	1	2	< 1
SOME TIME	8	2	9	2	8	2	7	2	8	1
NEVER	85	3	87	3	85	3	86	3	86	1

TABLE G-6C (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
ON LEAVE										
ALWAYS	4	< 1	3	< 1	8	1	6	1	4	< 1
MOSTLY	3	< 1	3	< 1	5	1	7	1	3	< 1
HALF TIME	3	< 1	2	< 1	2	< 1	4	1	3	< 1
SOME TIME	12	2	13	2	9	2	14	2	12	1
NEVER	80	2	79	2	76	2	69	3	78	1
OFF DUTY										
ALWAYS	2	< 1	2	< 1	4	1	2	< 1	2	< 1
MOSTLY	1	< 1	2	< 1	5	< 1	4	1	2	< 1
HALF TIME	1	< 1	2	< 1	2	< 1	1	< 1	1	< 1
SOME TIME	11	2	11	2	10	2	12	2	11	< 1
NEVER	85	2	84	2	79	2	80	2	84	1
DUTY DAYS										
ALWAYS	1	< 1	< 1	< 1	3	< 1	< 1	< 1	1	< 1
MOSTLY	< 1	< 1	< 1	< 1	3	< 1	< 1	< 1	< 1	< 1
HALF TIME	< 1	< 1	< 1	< 1	2	< 1	2	< 1	< 1	< 1
SOME TIME	4	< 1	5	1	6	1	6	2	5	< 1
NEVER	94	1	93	1	87	2	91	2	93	< 1
BASE										
ON LEAVE										
ALWAYS	2	< 1	2	< 1	5	1	3	1	2	< 1
MOSTLY	3	< 1	2	1	4	1	3	1	3	< 1
HALF TIME	1	< 1	< 1	< 1	2	< 1	1	< 1	1	< 1
SOME TIME	9	2	6	2	6	1	5	2	7	1
NEVER	85	2	89	2	84	2	88	2	87	1
OFF DUTY										
ALWAYS	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
MOSTLY	1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
HALF TIME	< 1	< 1	< 1	< 1	3	< 1	2	< 1	1	< 1
SOME TIME	9	2	6	2	6	1	6	2	7	1
NEVER	88	2	92	2	87	2	91	2	90	1
DUTY DAYS										
ALWAYS	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
MOSTLY	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
HALF TIME	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
SOME TIME	3	1	2	1	3	< 1	2	1	3	< 1
NEVER	96	1	97	1	93	1	96	1	96	< 1

TABLE G-6C (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
ON LEAVE										
ALWAYS	5	< 1	5	< 1	7	1	8	1	6	< 1
MOSTLY	5	< 1	5	1	6	1	6	1	5	< 1
HALF TIME	3	< 1	2	< 1	3	< 1	4	1	3	< 1
SOME TIME	12	1	14	2	12	2	14	2	13	< 1
NEVER	74	2	74	2	72	2	68	2	73	1
OFF DUTY										
ALWAYS	3	< 1	2	< 1	3	< 1	3	< 1	2	< 1
MOSTLY	4	< 1	2	< 1	5	1	4	< 1	3	< 1
HALF TIME	2	< 1	2	< 1	2	< 1	2	< 1	2	< 1
SOME TIME	12	1	13	2	11	2	13	2	13	< 1
NEVER	79	2	81	2	78	2	78	2	80	1
DUTY DAYS										
ALWAYS	2	< 1	< 1	< 1	2	< 1	< 1	< 1	1	< 1
MOSTLY	1	< 1	< 1	< 1	2	< 1	1	< 1	1	< 1
HALF TIME	1	< 1	1	< 1	2	< 1	2	< 1	1	< 1
SOME TIME	6	1	7	1	7	1	7	1	7	< 1
NEVER	89	1	90	1	86	2	89	2	89	< 1

TABLE G-7A

DRUG USE FREQUENCY BEFORE AND AT WORK
PAY GRADES E1-E5

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
MARIJUANA										
DAILY	< 1	< 1	< 1	< 1	4	3	1	1	< 1	< 1
1,2/WEEK	5	3	3	2	3	2	1	1	3	1
1,2/MONTH	4	2	4	3	3	2	4	2	4	1
1,2/YEAR	4	3	5	3	3	2	5	3	5	2
NEVER	86	4	88	5	87	5	88	4	87	2
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	1	1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	1	0	#	< 1	1	< 1	1	< 1	< 1
1,2/MONTH	< 1	1	< 1	1	1	2	1	1	< 1	< 1
1,2/YEAR	3	2	3	2	3	2	3	2	3	1
NEVER	95	3	96	3	94	3	95	3	95	2
PILLS										
DAILY	< 1	< 1	< 1	1	1	1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	1	0	#	1	2	< 1	1	< 1	< 1
1,2/MONTH	< 1	1	2	2	1	2	3	2	2	1
1,2/YEAR	3	2	3	2	3	2	3	2	3	1
NEVER	95	3	94	3	93	4	93	3	94	2
DIVISION										
MARIJUANA										
DAILY	5	1	2	< 1	4	2	3	1	3	< 1
1,2/WEEK	4	2	5	2	5	2	5	2	5	< 1
1,2/MONTH	5	2	4	2	4	2	4	2	4	< 1
1,2/YEAR	4	2	6	2	6	2	5	2	5	1
NEVER	82	3	83	3	81	3	84	3	83	2
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	1	< 1	< 1	< 1	1	1	1	< 1	1	< 1
1,2/MONTH	3	1	2	1	3	1	3	2	3	< 1
1,2/YEAR	3	1	4	2	5	2	4	2	4	< 1
NEVER	92	2	93	2	90	3	91	2	92	1
PILLS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	1	< 1	< 1	< 1	1	< 1	1	< 1
1,2/MONTH	2	< 1	2	1	4	1	3	2	2	< 1
1,2/YEAR	3	1	4	2	7	2	6	2	4	< 1
NEVER	94	2	91	2	89	3	89	3	91	1

TABLE G-7A (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
MARIJUANA										
DAILY	2	< 1	< 1	< 1	3	1	2	< 1	2	< 1
1,2/WEEK	1	< 1	1	< 1	5	1	4	1	2	< 1
1,2/MONTH	2	< 1	2	< 1	3	1	2	1	2	< 1
1,2/YEAR	3	1	4	1	5	1	4	2	4	< 1
NEVER	91	2	91	2	84	2	88	2	90	1
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	2	< 1	2	< 1	3	< 1	3	1	2	< 1
NEVER	96	1	97	1	94	1	95	2	96	< 1
PILLS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	2	< 1	3	< 1	1	< 1	1	< 1
1,2/YEAR	1	< 1	2	< 1	3	< 1	3	1	2	< 1
NEVER	97	1	95	1	94	1	94	2	96	< 1
BASE										
MARIJUANA										
DAILY	< 1	< 1	0	#	3	1	0	#	< 1	< 1
1,2/WEEK	1	< 1	1	1	4	1	2	1	2	< 1
1,2/MONTH	1	< 1	1	< 1	1	< 1	< 1	< 1	1	< 1
1,2/YEAR	3	1	2	1	3	1	4	2	2	< 1
NEVER	94	2	96	2	89	2	93	2	94	1
OTHER DRUGS										
DAILY	< 1	< 1	0	#	< 1	< 1	0	#	< 1	< 1
1,2/WEEK	< 1	< 1	0	#	< 1	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	1	< 1	< 1	< 1	1	< 1	2	1	< 1	< 1
1,2/YEAR	< 1	< 1	1	< 1	4	1	3	2	1	< 1
NEVER	98	1	99	1	94	2	95	2	98	< 1
PILLS										
DAILY	< 1	< 1	0	#	< 1	< 1	0	#	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	1	< 1	1	1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	1	< 1	2	2	< 1	< 1
1,2/YEAR	1	< 1	1	1	3	1	2	2	1	< 1
NEVER	98	1	98	1	95	2	94	2	97	< 1

TABLE G-7A (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
MARIJUANA										
DAILY	3	< 1	1	< 1	4	1	2	< 1	2	< 1
1,2/WEEK	3	< 1	3	< 1	4	1	3	1	3	< 1
1,2/MONTH	4	< 1	3	< 1	3	1	3	1	4	< 1
1,2/YEAR	4	< 1	5	1	5	1	5	1	5	< 1
NEVER	86	2	87	2	83	2	86	2	86	< 1
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	1	< 1	1	< 1	< 1	< 1
1,2/MONTH	2	< 1	1	< 1	2	< 1	2	< 1	2	< 1
1,2/YEAR	3	< 1	3	< 1	4	1	4	1	3	< 1
NEVER	94	1	95	1	91	2	93	1	94	< 1
PILLS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
1,2/MONTH	1	< 1	2	< 1	3	< 1	3	1	2	< 1
1,2/YEAR	3	< 1	3	< 1	5	1	4	1	3	< 1
NEVER	95	1	93	1	91	2	91	2	93	< 1

TABLE G-7B

DRUG USE FREQUENCY BEFORE AND AT WORK
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
MARIJUANA										
DAILY	0	#	0	#	2	1	< 1	< 1	< 1	< 1
1,2/WEEK	0	#	0	#	2	2	< 1	1	< 1	< 1
1,2/MONTH	0	#	0	#	2	2	0	#	< 1	< 1
1,2/YEAR	< 1	1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1
NEVER	>99	1	>99	< 1	93	3	99	2	99	< 1
OTHER DRUGS										
DAILY	0	#	< 1	< 1	2	1	< 1	< 1	< 1	< 1
1,2/WEEK	0	#	0	#	3	2	0	#	< 1	< 1
1,2/MONTH	0	#	0	#	0	#	0	#	0	#
1,2/YEAR	< 1	< 1	0	#	1	2	< 1	1	< 1	< 1
NEVER	>99	< 1	>99	< 1	94	2	>99	1	>99	< 1
PILLS										
DAILY	0	#	< 1	< 1	3	2	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	0	#	0	#	0	#	< 1	< 1
1,2/MONTH	0	#	0	#	2	1	0	#	< 1	< 1
1,2/YEAR	< 1	< 1	0	#	< 1	1	1	2	< 1	< 1
NEVER	>99	1	>99	< 1	94	2	99	2	>99	< 1
DIVISION										
MARIJUANA										
DAILY	1	1	< 1	1	1	2	< 1	2	1	< 1
1,2/WEEK	< 1	1	< 1	< 1	1	2	0	#	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	1	2	< 1	< 1
1,2/YEAR	< 1	1	< 1	< 1	0	#	< 1	1	< 1	< 1
NEVER	97	2	99	2	97	3	98	3	98	1
OTHER DRUGS										
DAILY	< 1	< 1	< 1	1	< 1	< 1	1	2	< 1	< 1
1,2/WEEK	0	#	< 1	< 1	< 1	2	0	#	< 1	< 1
1,2/MONTH	1	1	0	#	< 1	< 1	0	#	< 1	< 1
1,2/YEAR	1	1	0	#	0	#	< 1	< 1	< 1	< 1
NEVER	98	2	>99	1	99	2	99	2	99	< 1
PILLS										
DAILY	< 1	< 1	< 1	1	< 1	1	< 1	2	< 1	< 1
1,2/WEEK	0	#	< 1	< 1	< 1	1	0	#	< 1	< 1
1,2/MONTH	1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	< 1	1	0	#	0	#	< 1	< 1	< 1	< 1
NEVER	97	2	99	2	99	2	99	2	98	1

TABLE G-7B (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
MARIJUANA										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	1	1	< 1	< 1
1,2/WEEK	0	#	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
NEVER	>99	< 1	99	1	99	1	97	2	99	< 1
OTHER DRUGS										
DAILY	0	#	0	#	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	0	#	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	< 1	< 1	1	1	< 1	< 1
NEVER	>99	< 1	>99	< 1	>99	1	97	2	>99	< 1
PILLS										
DAILY	0	#	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1
1,2/MONTH	0	#	0	#	0	#	< 1	< 1	< 1	< 1
1,2/YEAR	0	#	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
NEVER	>99	< 1	>99	< 1	99	1	97	2	>99	< 1
BASE										
MARIJUANA										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	0	#	0	#	0	#	< 1	< 1	< 1	< 1
1,2/MONTH	0	#	0	#	0	#	0	#	0	#
1,2/YEAR	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
NEVER	>99	< 1	>99	< 1	98	< 1	99	2	>99	< 1
OTHER DRUGS										
DAILY	< 1	< 1	0	#	0	#	0	#	< 1	< 1
1,2/WEEK	0	#	0	#	0	#	< 1	< 1	< 1	< 1
1,2/MONTH	0	#	0	#	< 1	< 1	0	#	< 1	< 1
1,2/YEAR	0	#	0	#	0	#	0	#	0	#
NEVER	>99	< 1	100	#	>99	< 1	>99	< 1	>99	< 1
PILLS										
DAILY	< 1	< 1	0	#	< 1	< 1	0	#	< 1	< 1
1,2/WEEK	0	#	0	#	0	#	< 1	< 1	< 1	< 1
1,2/MONTH	0	#	0	#	0	#	0	#	0	#
1,2/YEAR	0	#	0	#	0	#	0	#	0	#
NEVER	>99	< 1	100	#	>99	< 1	>99	< 1	>99	< 1

TABLE G-7B (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
MARIJUANA										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
NEVER	99	< 1	99	< 1	97	1	98	1	99	< 1
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
NEVER	>99	< 1	>99	< 1	98	< 1	99	< 1	>99	< 1
PILLS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
NEVER	>99	< 1	>99	< 1	98	< 1	99	< 1	>99	< 1

TABLE G-7C

DRUG USE FREQUENCY BEFORE AND AT WORK
ALL PAY GRADES

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
MARIJUANA										
DAILY	< 1	< 1	< 1	< 1	3	2	1	1	< 1	< 1
1,2/WEEK	5	2	3	2	3	2	1	1	3	1
1,2/MONTH	3	2	4	3	3	2	3	2	3	1
1,2/YEAR	4	2	4	3	3	2	5	2	4	1
NEVER	88	4	89	4	88	4	90	3	89	2
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	1	1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	0	#	1	1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	1	< 1	1	1	1	1	1	< 1	< 1
1,2/YEAR	3	2	3	2	3	2	2	2	3	1
NEVER	96	2	96	2	94	3	96	2	96	1
PILLS										
DAILY	< 1	< 1	< 1	1	1	1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	1	0	#	1	1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	1	2	2	1	1	2	2	1	< 1
1,2/YEAR	3	2	3	2	3	2	3	2	3	1
NEVER	96	2	95	3	93	3	94	3	95	2
DIVISION										
MARIJUANA										
DAILY	4	1	1	< 1	4	2	3	1	3	< 1
1,2/WEEK	4	1	4	2	4	2	4	2	4	< 1
1,2/MONTH	5	2	3	1	3	1	3	2	4	< 1
1,2/YEAR	4	1	6	2	5	2	4	2	5	< 1
NEVER	84	3	85	3	83	3	85	3	84	2
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	1	< 1	< 1	< 1	1	< 1	1	< 1	< 1	< 1
1,2/MONTH	3	1	2	1	3	1	3	1	2	< 1
1,2/YEAR	3	1	3	1	5	2	4	2	3	< 1
NEVER	93	2	94	2	91	2	92	2	93	1
PILLS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	1	< 1	< 1	< 1	1	< 1	< 1	< 1
1,2/MONTH	2	< 1	2	1	3	1	3	1	2	< 1
1,2/YEAR	3	1	4	2	6	2	5	2	4	< 1
NEVER	94	2	92	2	90	2	90	2	92	1

TABLE G-7C (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
MARIJUANA										
DAILY	2	< 1	< 1	< 1	2	< 1	1	< 1	1	< 1
1,2/WEEK	< 1	< 1	1	< 1	4	< 1	3	< 1	1	< 1
1,2/MONTH	2	< 1	2	< 1	2	< 1	2	< 1	2	< 1
1,2/YEAR	2	< 1	3	< 1	4	< 1	4	1	3	< 1
NEVER	93	1	93	1	88	2	90	2	93	< 1
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	1	< 1	1	< 1	2	< 1	3	1	2	< 1
NEVER	97	< 1	97	< 1	95	< 1	96	1	97	< 1
PILLS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	1	< 1	2	< 1	1	< 1	1	< 1
1,2/YEAR	1	< 1	2	< 1	3	< 1	3	< 1	2	< 1
NEVER	98	< 1	96	1	95	1	95	1	97	< 1
BASE										
MARIJUANA										
DAILY	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	2	< 1	1	< 1	1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	2	< 1	1	< 1	2	< 1	2	1	2	< 1
NEVER	96	1	97	1	92	2	96	2	96	< 1
OTHER DRUGS										
DAILY	< 1	< 1	0	#	< 1	< 1	0	#	< 1	< 1
1,2/WEEK	< 1	< 1	0	#	< 1	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	1	< 1	1	< 1	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	2	< 1	2	< 1	< 1	< 1
NEVER	98	< 1	>99	< 1	96	1	97	1	98	< 1
PILLS										
DAILY	< 1	< 1	0	#	< 1	< 1	0	#	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
1,2/YEAR	< 1	< 1	< 1	< 1	2	< 1	1	< 1	< 1	< 1
NEVER	98	< 1	99	< 1	96	1	97	1	98	< 1

TABLE G-7C (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
MARIJUANA										
DAILY	2	< 1	< 1	< 1	3	< 1	2	< 1	2	< 1
1,2/WEEK	3	< 1	3	< 1	4	< 1	3	< 1	3	< 1
1,2/MONTH	3	< 1	3	< 1	3	< 1	3	< 1	3	< 1
1,2/YEAR	3	< 1	4	< 1	4	< 1	4	1	4	< 1
NEVER	88	1	89	1	86	2	88	2	88	< 1
OTHER DRUGS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	2	< 1	1	< 1	2	< 1	2	< 1	1	< 1
1,2/YEAR	2	< 1	2	< 1	4	< 1	3	< 1	3	< 1
NEVER	95	< 1	96	< 1	93	1	94	1	95	< 1
PILLS										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
1,2/MONTH	1	< 1	1	< 1	2	< 1	2	< 1	2	< 1
1,2/YEAR	2	< 1	3	< 1	4	< 1	4	< 1	3	< 1
NEVER	96	< 1	94	1	92	1	92	1	94	< 1

TABLE G-8A

DRINKING FREQUENCY LAST 30 DAYS
PAY GRADES E1-E5

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
BEER										
DAILY	6	2	6	2	14	3	3	2	6	2
5,6/WEEK	7	2	6	2	5	2	6	2	6	2
3,4/WEEK	17	3	13	3	14	3	18	3	16	2
1,2/WEEK	21	4	26	4	20	4	24	4	24	3
2,3/30 DAYS	23	4	19	4	23	4	19	3	21	3
1/30 DAYS	9	2	8	3	6	2	9	2	8	2
NONE	18	3	21	4	19	4	21	4	20	3
WINE										
DAILY	0	#	0	#	1	1	1	< 1	< 1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
3,4/WEEK	1	1	1	1	< 1	< 1	1	1	1	< 1
1,2/WEEK	4	2	2	2	5	2	2	1	3	1
2,3/30 DAYS	10	3	13	3	7	3	5	2	10	2
1/30 DAYS	14	3	13	3	9	3	13	3	13	2
NONE	70	4	70	5	76	4	76	4	72	3
HARD LIQUOR										
DAILY	< 1	< 1	< 1	< 1	3	2	2	1	1	< 1
5,6/WEEK	< 1	< 1	0	#	3	2	3	1	1	< 1
3,4/WEEK	3	1	4	2	8	2	10	3	5	1
1,2/WEEK	13	3	9	3	19	3	16	3	13	2
2,3/30 DAYS	20	4	18	4	17	4	23	4	20	3
1/30 DAYS	13	3	16	4	14	3	13	3	14	2
NONE	50	5	52	5	37	5	32	4	46	3

TABLE G-8A (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
DIVISION										
BEER										
DAILY	7	1	7	2	12	2	7	2	8	1
5,6/WEEK	7	1	7	1	5	1	5	1	6	1
3,4/WEEK	18	2	21	2	20	2	20	2	19	2
1,2/WEEK	27	2	24	2	22	3	24	3	25	2
2,3/30 DAYS	19	2	20	2	17	2	16	2	19	2
1/30 DAYS	7	1	7	2	7	2	9	2	7	1
NONE	15	2	14	2	17	2	19	2	15	1
WINE										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
5,6/WEEK	< 1	< 1	0	#	< 1	< 1	< 1	< 1	< 1	< 1
3,4/WEEK	< 1	< 1	< 1	< 1	3	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	4	1	4	1	6	2	2	< 1	4	< 1
2,3/30 DAYS	9	2	8	2	11	2	6	2	8	1
1/30 DAYS	12	2	13	2	11	2	11	2	12	1
NONE	73	2	74	3	69	3	79	3	74	2
HARD LIQUOR										
DAILY	1	< 1	2	< 1	3	1	4	1	2	< 1
5,6/WEEK	1	< 1	< 1	< 1	3	1	3	1	2	< 1
3,4/WEEK	5	1	4	1	12	2	9	2	6	< 1
1,2/WEEK	12	2	11	2	15	2	17	2	13	1
2,3/30 DAYS	20	2	20	2	18	3	21	3	20	2
1/30 DAYS	17	2	16	2	13	2	15	2	16	2
NONE	43	3	46	3	36	3	32	3	42	2

TABLE G-8A (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
BEER										
DAILY	7	1	7	1	12	1	6	1	7	< 1
5,6/WEEK	6	1	6	1	6	1	5	1	6	< 1
3,4/WEEK	16	2	18	2	18	2	14	2	17	1
1,2/WEEK	25	2	23	2	21	2	27	2	24	1
2,3/30 DAYS	18	2	19	2	16	2	20	2	19	1
1/30 DAYS	8	1	8	1	4	1	10	1	8	< 1
NONE	19	2	19	2	23	2	18	2	19	1
WINE										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
3,4/WEEK	1	< 1	1	< 1	1	< 1	< 1	< 1	1	< 1
1,2/WEEK	4	< 1	3	< 1	4	1	2	< 1	3	< 1
2,3/30 DAYS	10	1	10	1	12	2	10	1	10	1
1/30 DAYS	15	2	14	2	16	2	12	2	14	1
NONE	68	2	71	2	66	2	75	2	70	2
HARD LIQUOR										
DAILY	1	< 1	< 1	< 1	3	< 1	2	< 1	1	< 1
5,6/WEEK	2	< 1	< 1	< 1	2	< 1	2	< 1	1	< 1
3,4/WEEK	4	< 1	5	< 1	7	1	7	1	5	< 1
1,2/WEEK	12	1	8	1	11	2	18	2	11	1
2,3/30 DAYS	18	2	18	2	21	2	21	2	19	1
1/30 DAYS	16	2	19	2	11	1	12	2	16	1
NONE	46	2	48	2	46	2	38	2	46	2

TABLE G-8A (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
BASE										
BEER										
DAILY	6	1	3	1	7	1	7	2	5	< 1
5,6/WEEK	5	1	5	1	6	1	5	1	5	1
3,4/WEEK	10	2	12	2	16	2	9	2	11	1
1,2/WEEK	22	2	22	3	23	2	21	3	22	2
2,3/30 DAYS	20	2	22	3	16	2	22	3	21	2
1/30 DAYS	10	2	10	2	7	1	8	2	10	1
NONE	26	2	26	3	24	2	28	3	26	2
WINE										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1
5,6/WEEK	< 1	< 1	0	#	1	< 1	0	#	< 1	< 1
3,4/WEEK	2	< 1	< 1	< 1	1	< 1	1	< 1	1	< 1
1,2/WEEK	3	1	3	1	6	1	2	1	3	< 1
2,3/30 DAYS	9	2	8	2	9	2	8	2	9	1
1/30 DAYS	13	2	17	2	16	2	14	2	15	2
NONE	72	3	70	3	66	3	73	3	71	2
HARD LIQUOR										
DAILY	1	< 1	< 1	< 1	2	< 1	3	1	1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	1	< 1	2	< 1	< 1	< 1
3,4/WEEK	4	1	< 1	< 1	4	1	6	2	3	< 1
1,2/WEEK	10	2	6	2	12	2	14	2	9	1
2,3/30 DAYS	15	2	20	3	14	2	19	3	17	2
1/30 DAYS	18	2	14	2	19	2	12	2	15	2
NONE	51	3	58	3	48	3	44	3	53	2

TABLE G-8A (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
BEER										
DAILY	7	1	7	1	12	2	6	1	7	< 1
5,6/WEEK	7	1	6	1	5	1	6	1	6	< 1
3,4/WEEK	17	2	18	2	18	2	18	2	18	< 1
1,2/WEEK	25	2	24	2	22	2	25	2	24	1
2,3/30 DAYS	20	2	20	2	18	2	18	2	19	1
1/30 DAYS	8	1	8	1	6	1	9	1	8	< 1
NONE	18	2	17	2	19	2	20	2	18	< 1
WINE										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
3,4/WEEK	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	1	< 1
1,2/WEEK	4	< 1	3	< 1	5	1	2	< 1	4	< 1
2,3/30 DAYS	10	1	10	1	10	2	7	1	9	< 1
1/30 DAYS	13	1	14	2	12	2	12	2	13	< 1
NONE	71	2	72	2	69	3	77	2	72	1
HARD LIQUOR										
DAILY	< 1	< 1	1	< 1	3	< 1	3	< 1	2	< 1
5,6/WEEK	1	< 1	< 1	< 1	3	< 1	3	< 1	1	< 1
3,4/WEEK	4	< 1	4	< 1	10	2	9	2	5	< 1
1,2/WEEK	12	1	10	1	14	2	17	2	12	< 1
2,3/30 DAYS	19	2	19	2	18	2	22	2	19	1
1/30 DAYS	16	2	17	2	13	2	13	2	16	< 1
NONE	46	2	49	2	39	3	33	3	44	1

TABLE G-8B

DRINKING FREQUENCY LAST 30 DAYS
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
BEER										
DAILY	3	2	3	2	12	3	6	2	4	1
5,6/WEEK	3	2	5	2	3	2	4	2	4	1
3,4/WEEK	13	3	9	3	14	3	9	3	11	2
1,2/WEEK	19	4	21	4	19	3	16	3	19	3
2,3/30 DAYS	21	4	23	4	20	4	21	4	22	3
1/30 DAYS	11	3	10	3	9	3	8	3	10	2
NONE	29	4	29	5	23	4	35	4	30	3
WINE										
DAILY	< 1	< 1	0	#	3	1	0	#	< 1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	0	#	0	#	< 1	< 1
3,4/WEEK	4	2	< 1	< 1	2	2	< 1	< 1	2	< 1
1,2/WEEK	7	3	4	2	9	2	3	2	5	2
2,3/30 DAYS	8	3	14	4	9	3	11	3	11	2
1/30 DAYS	13	3	12	3	12	3	14	3	13	2
NONE	67	5	69	5	65	5	71	4	69	3
HARD LIQUOR										
DAILY	< 1	< 1	1	1	5	2	1	< 1	1	< 1
5,6/WEEK	1	1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
3,4/WEEK	5	2	2	2	2	1	3	1	3	1
1,2/WEEK	7	3	6	3	6	3	10	3	7	2
2,3/30 DAYS	12	3	15	4	22	4	14	3	14	2
1/30 DAYS	15	4	16	4	13	3	11	3	14	3
NONE	59	5	59	5	51	5	60	4	59	4

TABLE G-8B (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
DIVISION										
BEER										
DAILY	4	2	6	3	6	2	8	3	6	2
5,6/WEEK	5	2	4	2	5	2	5	2	4	1
3,4/WEEK	14	3	14	4	12	3	18	4	14	2
1,2/WEEK	23	4	20	4	24	4	22	4	22	3
2,3/30 DAYS	24	4	24	4	23	4	16	4	23	3
1/30 DAYS	10	3	7	3	9	3	12	3	9	2
NONE	21	4	24	4	19	4	19	4	22	3
WINE										
DAILY	2	1	< 1	1	0	#	< 1	< 1	1	< 1
5,6/WEEK	< 1	< 1	1	< 1	0	#	< 1	< 1	< 1	< 1
3,4/WEEK	2	1	< 1	< 1	3	1	2	1	1	< 1
1,2/WEEK	7	3	4	2	8	3	5	2	6	2
2,3/30 DAYS	15	4	13	4	14	4	9	3	13	2
1/30 DAYS	19	4	13	4	16	4	19	4	17	3
NONE	54	5	69	5	59	5	64	5	62	3
HARD LIQUOR										
DAILY	< 1	1	< 1	< 1	2	2	3	2	1	< 1
5,6/WEEK	< 1	< 1	< 1	1	2	1	2	2	1	< 1
3,4/WEEK	4	2	3	2	3	2	3	2	3	1
1,2/WEEK	9	3	7	3	7	3	8	3	8	2
2,3/30 DAYS	19	4	14	4	18	4	20	4	17	3
1/30 DAYS	15	3	19	4	14	3	15	4	16	3
NONE	52	5	56	5	54	5	47	5	53	4

TABLE G-8B (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
BEER										
DAILY	2	< 1	6	2	6	1	6	2	5	< 1
5,6/WEEK	4	1	4	1	4	1	6	1	4	1
3,4/WEEK	13	2	11	2	20	2	15	2	13	2
1,2/WEEK	24	2	23	3	24	2	23	3	24	2
2,3/30 DAYS	24	2	23	3	19	2	16	2	22	2
1/30 DAYS	10	2	9	2	11	2	11	2	10	1
NONE	23	3	24	3	17	2	23	3	23	2
WINE										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1
3,4/WEEK	2	< 1	1	< 1	2	< 1	3	< 1	2	< 1
1,2/WEEK	6	1	6	2	15	2	4	1	7	1
2,3/30 DAYS	16	2	15	2	13	2	12	2	15	2
1/30 DAYS	17	2	18	3	17	2	18	3	17	2
NONE	58	3	58	3	52	3	61	3	58	2
HARD LIQUOR										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	2	1	< 1	< 1
5,6/WEEK	< 1	< 1	1	< 1	< 1	< 1	2	1	1	< 1
3,4/WEEK	2	< 1	2	1	3	1	4	1	3	< 1
1,2/WEEK	8	2	7	2	18	2	13	2	9	1
2,3/30 DAYS	19	2	19	3	20	2	19	3	19	2
1/30 DAYS	11	2	15	2	14	2	14	2	13	2
NONE	59	3	54	3	45	3	45	3	55	2

TABLE G-8B (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
BASE										
BEER										
DAILY	4	1	5	1	7	1	3	2	4	< 1
5,6/WEEK	5	1	5	1	7	1	5	2	5	1
3,4/WEEK	10	2	13	2	14	2	9	3	11	2
1,2/WEEK	20	2	17	3	20	2	21	4	19	2
2,3/30 DAYS	21	2	22	3	23	2	21	3	22	2
1/30 DAYS	14	2	11	2	9	1	14	3	12	2
NONE	26	3	27	3	19	2	28	4	26	2
WINE										
DAILY	1	< 1	< 1	< 1	2	< 1	< 1	< 1	1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	0	#	0	#	< 1	< 1
3,4/WEEK	2	< 1	< 1	< 1	1	< 1	2	1	1	< 1
1,2/WEEK	8	2	7	2	7	1	9	3	8	1
2,3/30 DAYS	13	2	15	3	14	2	11	3	13	2
1/30 DAYS	14	2	12	2	10	2	19	4	14	2
NONE	61	3	65	3	65	3	58	5	62	2
HARD LIQUOR										
DAILY	1	< 1	2	< 1	1	< 1	3	1	2	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	4	2	1	< 1
3,4/WEEK	4	1	2	< 1	1	< 1	7	2	3	< 1
1,2/WEEK	7	1	8	2	11	2	8	3	8	1
2,3/30 DAYS	13	2	14	2	16	2	10	3	13	2
1/30 DAYS	15	2	14	2	14	2	15	3	15	2
NONE	59	3	61	3	55	3	53	5	58	2

TABLE G-8B (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
BEER										
DAILY	3	< 1	6	1	7	1	6	2	5	< 1
5,6/WEEK	4	1	4	1	5	1	5	1	4	< 1
3,4/WEEK	13	2	12	2	16	2	14	2	13	1
1,2/WEEK	23	2	21	2	23	2	20	2	22	1
2,3/30 DAYS	23	2	23	2	21	2	18	2	22	1
1/30 DAYS	10	2	9	2	10	2	11	2	10	< 1
NONE	24	2	25	2	19	2	26	3	24	1
WINE										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
3,4/WEEK	2	< 1	< 1	< 1	2	< 1	2	< 1	2	< 1
1,2/WEEK	7	1	5	1	11	2	5	1	6	< 1
2,3/30 DAYS	14	2	14	2	13	2	11	2	14	1
1/30 DAYS	17	2	15	2	15	2	17	2	16	1
NONE	58	3	64	3	58	3	64	3	61	2
HARD LIQUOR										
DAILY	< 1	< 1	< 1	< 1	2	< 1	3	< 1	1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	1	< 1	2	< 1	1	< 1
3,4/WEEK	3	< 1	3	< 1	3	< 1	4	1	3	< 1
1,2/WEEK	8	1	7	2	12	2	10	2	8	< 1
2,3/30 DAYS	17	2	16	2	19	2	17	2	17	1
1/30 DAYS	13	2	16	2	13	2	14	2	14	1
NONE	57	3	56	3	50	3	51	3	55	2

TABLE G-8C

DRINKING FREQUENCY LAST 30 DAYS
ALL PAY GRADES

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
BEER										
DAILY	5	2	6	3	13	3	4	2	6	1
5,6/WEEK	6	2	6	3	5	2	6	2	6	1
3,4/WEEK	16	4	13	4	14	4	17	4	15	2
1,2/WEEK	21	4	25	5	20	4	23	4	23	2
2,3/30 DAYS	22	4	20	4	22	4	20	4	21	2
1/30 DAYS	9	3	8	3	6	3	9	3	8	2
NONE	20	4	22	5	20	4	23	4	21	2
WINE										
DAILY	< 1	< 1	0	#	2	1	1	< 1	< 1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
3,4/WEEK	2	1	1	1	< 1	< 1	1	1	1	< 1
1,2/WEEK	4	2	3	2	6	2	3	2	3	1
2,3/30 DAYS	10	3	13	4	7	3	6	2	10	2
1/30 DAYS	14	4	13	4	10	3	13	3	13	2
NONE	70	5	70	5	75	5	76	4	71	3
HARD LIQUOR										
DAILY	< 1	< 1	< 1	1	3	2	2	1	1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	2	2	3	2	1	< 1
3,4/WEEK	3	2	3	2	7	3	9	3	5	1
1,2/WEEK	13	3	9	3	17	4	15	4	12	2
2,3/30 DAYS	19	4	18	4	18	4	22	4	19	2
1/30 DAYS	13	3	16	4	14	4	13	3	14	2
NONE	51	5	53	6	39	5	36	5	48	3

TABLE G-8C (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
DIVISION										
BEER										
DAILY	7	2	7	2	11	2	7	2	7	< 1
5,6/WEEK	7	2	6	2	5	2	5	2	6	< 1
3,4/WEEK	18	2	20	3	19	3	19	3	19	1
1,2/WEEK	26	3	24	3	23	3	24	3	25	2
2,3/30 DAYS	20	2	21	3	18	3	16	3	19	1
1/30 DAYS	7	2	7	2	7	2	9	2	7	< 1
NONE	16	2	15	2	18	3	19	3	16	1
WINE										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
3,4/WEEK	< 1	< 1	< 1	< 1	3	1	< 1	< 1	< 1	< 1
1,2/WEEK	5	1	4	1	6	2	3	1	4	< 1
2,3/30 DAYS	10	2	8	2	11	2	6	2	9	1
1/30 DAYS	13	2	13	2	11	3	12	2	13	1
NONE	71	3	73	3	68	4	77	3	72	2
HARD LIQUOR										
DAILY	1	< 1	2	< 1	3	1	4	1	2	< 1
5,6/WEEK	1	< 1	< 1	< 1	3	1	3	1	2	< 1
3,4/WEEK	5	1	4	1	11	2	8	2	6	< 1
1,2/WEEK	12	2	10	2	14	3	16	3	12	1
2,3/30 DAYS	20	3	19	3	18	3	21	3	20	2
1/30 DAYS	17	2	17	3	13	3	15	3	16	1
NONE	44	3	47	4	38	4	34	3	43	2

TABLE G-8C (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
BEER										
DAILY	6	1	7	1	10	1	6	1	7	< 1
5,6/WEEK	6	1	6	1	5	1	5	1	6	< 1
3,4/WEEK	16	2	16	2	18	2	14	2	16	1
1,2/WEEK	25	2	23	2	22	2	26	2	24	1
2,3/30 DAYS	20	2	20	2	17	2	19	2	19	1
1/30 DAYS	8	1	8	1	6	1	11	2	8	< 1
NONE	20	2	20	2	21	2	19	2	20	1
WINE										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
3,4/WEEK	1	< 1	1	< 1	1	< 1	< 1	< 1	1	< 1
1,2/WEEK	5	< 1	4	< 1	7	1	2	< 1	4	< 1
2,3/30 DAYS	11	1	11	2	12	2	10	2	11	< 1
1/30 DAYS	16	2	15	2	16	2	13	2	15	1
NONE	66	2	68	2	62	2	72	2	67	1
HARD LIQUOR										
DAILY	< 1	< 1	< 1	< 1	2	< 1	2	< 1	1	< 1
5,6/WEEK	1	< 1	< 1	< 1	1	< 1	2	< 1	1	< 1
3,4/WEEK	4	< 1	4	< 1	6	1	6	1	4	< 1
1,2/WEEK	11	1	8	1	13	2	17	2	11	< 1
2,3/30 DAYS	18	2	18	2	21	2	21	2	19	1
1/30 DAYS	15	2	18	2	11	2	12	2	16	1
NONE	50	2	50	2	45	2	40	3	48	1

TABLE G-8C (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
BASE										
BEER										
DAILY	5	1	3	1	7	1	5	2	5	< 1
5,6/WEEK	5	1	5	1	6	1	5	1	5	< 1
3,4/WEEK	10	2	12	2	16	2	9	2	11	1
1,2/WEEK	21	2	20	3	22	2	21	3	21	1
2,3/30 DAYS	21	2	22	3	19	2	21	3	21	1
1/30 DAYS	11	2	10	2	8	1	11	2	11	1
NONE	26	2	27	3	22	2	28	3	26	2
WINE										
DAILY	< 1	< 1	< 1	< 1	1	< 1	1	< 1	< 1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	0	#	< 1	< 1
3,4/WEEK	2	< 1	< 1	< 1	1	< 1	1	< 1	1	< 1
1,2/WEEK	5	1	4	1	6	1	5	2	5	< 1
2,3/30 DAYS	10	2	10	2	11	2	9	2	10	1
1/30 DAYS	13	2	15	2	14	2	16	3	15	1
NONE	68	3	69	3	65	2	66	3	68	2
HARD LIQUOR										
DAILY	1	< 1	1	< 1	2	< 1	3	1	1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	3	1	< 1	< 1
3,4/WEEK	4	1	1	< 1	3	< 1	6	2	3	< 1
1,2/WEEK	9	2	7	2	12	2	11	2	8	< 1
2,3/30 DAYS	14	2	18	3	15	2	15	3	16	1
1/30 DAYS	17	2	14	2	17	2	14	2	15	1
NONE	54	3	59	3	51	3	48	4	55	2

TABLE G-8C (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
BEER										
DAILY	6	< 1	7	1	11	1	6	1	7	< 1
5,6/WEEK	6	< 1	6	< 1	5	< 1	5	1	6	< 1
3,4/WEEK	16	1	17	1	18	2	17	2	17	< 1
1,2/WEEK	24	2	24	2	22	2	24	2	24	< 1
2,3/30 DAYS	20	1	20	2	18	2	18	2	20	< 1
1/30 DAYS	8	< 1	8	1	7	1	9	1	8	< 1
NONE	19	1	19	1	19	2	21	2	19	< 1
WINE										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
5,6/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
3,4/WEEK	1	< 1	< 1	< 1	2	< 1	1	< 1	1	< 1
1,2/WEEK	5	< 1	4	< 1	6	1	3	< 1	4	< 1
2,3/30 DAYS	10	1	10	1	11	1	7	1	10	< 1
1/30 DAYS	14	1	14	1	12	2	13	1	14	< 1
NONE	69	2	71	2	67	2	75	2	70	1
HARD LIQUOR										
DAILY	< 1	< 1	1	< 1	2	< 1	3	< 1	1	< 1
5,6/WEEK	1	< 1	< 1	< 1	2	< 1	3	< 1	1	< 1
3,4/WEEK	4	< 1	4	< 1	9	1	8	1	5	< 1
1,2/WEEK	11	1	9	1	14	2	16	2	11	< 1
2,3/30 DAYS	19	1	19	2	18	2	21	2	19	< 1
1/30 DAYS	16	1	17	1	13	2	13	2	16	< 1
NONE	48	2	50	2	41	2	36	2	46	1

TABLE G-9A

TYPICAL NUMBER OF DRINKS PER DAY, LAST 30 DAYS
PAY GRADES E1-E5

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
BEER										
9 PLUS	14	4	12	4	20	5	14	4	14	2
6-8	19	4	16	5	16	5	16	4	17	3
3-5	23	5	27	6	21	5	24	5	25	3
1-2	25	5	26	6	24	5	24	5	25	3
NONE	18	4	20	5	19	5	21	5	19	3
WINE										
9 PLUS	1	1	2	2	3	2	2	2	2	< 1
6-8	1	1	< 1	1	1	1	3	2	1	< 1
3-5	6	3	5	3	5	3	3	2	5	2
1-2	21	5	22	5	14	5	14	4	20	3
NONE	71	5	70	6	77	6	78	5	72	3
HARD LIQUOR										
9 PLUS	4	2	5	3	13	3	8	3	6	1
6-8	4	2	7	3	7	3	11	4	7	2
3-5	16	4	12	4	18	5	20	5	15	2
1-2	26	5	23	5	25	6	27	5	25	3
NONE	49	6	53	6	37	6	34	6	47	3
DIVISION										
BEER										
9 PLUS	20	3	21	3	24	3	20	3	21	2
6-8	19	3	19	3	19	3	21	3	19	2
3-5	26	3	28	3	25	4	23	4	26	2
1-2	20	3	18	3	14	3	17	3	18	2
NONE	15	3	13	3	17	3	19	3	15	1
WINE										
9 PLUS	1	< 1	2	< 1	2	1	2	1	2	< 1
6-8	< 1	< 1	1	< 1	3	2	2	1	1	< 1
3-5	5	2	3	2	7	2	4	2	5	< 1
1-2	18	3	19	3	18	3	12	3	18	2
NONE	75	3	74	3	70	4	81	3	75	2
HARD LIQUOR										
9 PLUS	6	2	6	2	12	3	12	3	8	1
6-8	6	2	6	2	8	2	11	3	7	1
3-5	21	3	16	3	20	3	22	3	19	2
1-2	24	3	27	3	23	4	24	4	25	2
NONE	44	4	45	4	37	4	31	4	42	2

TABLE G-9A (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
BEER										
9 PLUS	11	2	14	2	19	2	13	2	13	1
6-8	15	2	16	2	16	2	21	3	16	1
3-5	31	3	31	3	23	2	26	3	30	2
1-2	24	2	20	2	18	2	21	3	22	1
NONE	19	2	19	2	24	2	19	2	19	1
WINE										
9 PLUS	1	< 1	< 1	< 1	1	< 1	2	< 1	1	< 1
6-8	2	< 1	2	< 1	1	< 1	1	< 1	2	< 1
3-5	5	1	5	1	5	1	4	1	5	< 1
1-2	24	2	20	2	24	3	16	2	22	1
NONE	68	3	72	3	68	3	77	3	70	2
HARD LIQUOR										
9 PLUS	4	1	4	1	9	2	8	2	5	< 1
6-8	6	1	5	1	7	2	9	2	6	< 1
3-5	16	2	15	2	13	2	23	3	16	1
1-2	28	2	28	3	25	3	21	3	27	2
NONE	47	3	48	3	46	3	39	3	46	2
BASE										
BEER										
9 PLUS	8	2	8	2	17	2	13	3	9	1
6-8	12	2	11	3	17	2	10	3	12	1
3-5	26	3	29	4	23	3	23	4	27	2
1-2	28	3	26	4	18	3	26	4	26	2
NONE	26	3	27	4	25	3	27	4	26	2
WINE										
9 PLUS	< 1	< 1	< 1	< 1	< 1	< 1	4	2	< 1	< 1
6-8	1	< 1	< 1	< 1	1	< 1	2	1	1	< 1
3-5	6	2	6	2	8	2	4	2	6	1
1-2	21	3	23	4	26	3	16	3	22	2
NONE	72	3	69	4	64	3	74	4	70	2
HARD LIQUOR										
9 PLUS	2	1	3	1	6	2	10	3	3	< 1
6-8	6	2	3	2	8	2	8	2	5	< 1
3-5	10	2	12	3	14	2	17	3	12	2
1-2	29	3	24	4	25	3	21	4	26	2
NONE	52	4	58	4	48	3	44	4	54	2

TABLE G-9A (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
BEER										
9 PLUS	16	2	17	2	22	2	17	2	17	< 1
6-8	18	2	17	2	18	2	19	2	18	< 1
3-5	27	2	28	2	24	2	24	2	27	1
1-2	23	2	21	2	17	2	20	2	21	1
NONE	17	2	17	2	19	2	20	2	18	< 1
WINE										
9 PLUS	1	< 1	1	< 1	2	< 1	2	< 1	1	< 1
6-8	1	< 1	1	< 1	3	< 1	2	< 1	1	< 1
3-5	5	< 1	5	< 1	6	1	4	1	5	< 1
1-2	20	2	21	2	19	2	13	2	19	1
NONE	72	2	72	2	70	3	79	2	73	1
HARD LIQUOR										
9 PLUS	5	< 1	5	1	11	2	10	2	6	< 1
6-8	6	< 1	6	1	8	1	10	2	7	< 1
3-5	18	2	15	2	18	2	22	2	17	< 1
1-2	26	2	26	2	24	2	24	2	25	1
NONE	46	2	48	2	39	3	34	3	45	1

TABLE G-9B

TYPICAL NUMBER OF DRINKS PER DAY, LAST 30 DAYS
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
BEER										
9 PLUS	2	2	2	2	7	3	1	1	2	< 1
6-8	7	3	6	3	6	3	3	2	6	2
3-5	25	5	27	6	20	5	20	5	24	3
1-2	36	6	37	6	43	6	40	6	38	3
NONE	29	5	28	6	25	5	36	5	30	3
WINE										
9 PLUS	0	#	< 1	< 1	3	2	< 1	< 1	< 1	< 1
6-8	1	1	< 1	1	0	#	0	#	< 1	< 1
3-5	3	2	4	3	7	3	4	2	3	1
1-2	30	6	25	6	25	5	23	5	26	3
NONE	66	6	70	6	66	6	74	5	69	3
HARD LIQUOR										
9 PLUS	2	2	< 1	< 1	5	2	< 1	1	1	< 1
6-8	1	1	1	2	8	3	3	2	2	< 1
3-5	7	3	12	5	7	3	11	4	10	2
1-2	28	6	28	6	28	6	26	5	28	3
NONE	62	6	59	7	51	6	59	6	59	4
DIVISION										
BEER										
9 PLUS	4	2	8	4	5	3	6	3	6	2
6-8	9	3	5	3	6	3	10	3	7	2
3-5	29	5	29	6	29	6	28	6	29	3
1-2	38	6	35	6	40	6	36	6	37	3
NONE	21	5	24	6	19	5	20	5	22	3
WINE										
9 PLUS	< 1	1	< 1	1	< 1	< 1	< 1	1	< 1	< 1
6-8	2	2	< 1	< 1	3	2	2	2	1	< 1
3-5	5	3	4	3	4	3	4	2	4	2
1-2	40	6	25	6	32	6	26	6	31	3
NONE	53	6	70	7	60	6	68	6	63	4
HARD LIQUOR										
9 PLUS	1	1	2	2	2	2	3	2	2	1
6-8	3	2	< 1	1	2	2	4	3	2	1
3-5	13	4	9	4	13	4	15	5	12	2
1-2	30	6	32	6	30	6	29	6	30	3
NONE	53	6	57	7	54	6	49	7	54	4

TABLE G-9B (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
BEER										
9 PLUS	3	1	2	1	4	1	4	2	3	< 1
6-8	7	2	8	2	6	2	9	2	7	1
3-5	26	3	29	4	38	3	29	4	28	2
1-2	41	4	38	4	36	4	36	4	39	2
NONE	23	3	23	4	17	3	23	3	22	2
WINE										
9 PLUS	< 1	< 1	< 1	< 1	< 1	< 1	2	1	< 1	< 1
6-8	< 1	< 1	< 1	< 1	1	1	< 1	< 1	< 1	< 1
3-5	5	2	5	2	4	2	4	2	5	1
1-2	37	4	34	4	43	4	32	4	36	2
NONE	57	4	59	4	51	4	62	4	58	3
HARD LIQUOR										
9 PLUS	1	< 1	1	1	< 1	< 1	2	2	1	< 1
6-8	1	< 1	2	1	5	2	3	2	2	< 1
3-5	9	2	11	3	14	3	18	3	11	2
1-2	31	4	32	4	37	4	32	4	32	2
NONE	58	4	53	5	44	4	45	4	53	2
BASE										
BEER										
9 PLUS	2	1	2	1	7	2	3	2	3	< 1
6-8	4	2	5	2	7	2	8	3	5	1
3-5	22	3	25	4	26	3	17	4	23	2
1-2	44	4	40	4	42	3	46	6	43	2
NONE	27	3	27	4	18	2	26	5	26	2
WINE										
9 PLUS	< 1	< 1	0	#	< 1	< 1	< 1	< 1	< 1	< 1
6-8	< 1	< 1	< 1	< 1	< 1	< 1	0	#	< 1	< 1
3-5	6	2	4	2	5	1	3	2	5	1
1-2	32	4	30	4	30	3	39	6	32	2
NONE	61	4	66	4	63	3	57	6	63	2
HARD LIQUOR										
9 PLUS	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
6-8	< 1	< 1	2	1	2	< 1	6	3	2	< 1
3-5	11	3	8	2	11	2	13	4	10	1
1-2	28	4	29	4	31	3	30	5	29	2
NONE	59	4	60	4	54	3	51	6	58	2

TABLE G-9B (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
BEER										
9 PLUS	3	< 1	4	1	5	1	4	1	4	< 1
6-8	7	1	6	1	6	1	7	1	7	< 1
3-5	26	2	28	3	31	3	25	3	27	1
1-2	40	3	37	3	39	3	39	3	39	2
NONE	24	2	25	2	19	2	26	3	24	1
WINE										
9 PLUS	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
6-8	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
3-5	5	1	5	1	5	1	4	1	4	< 1
1-2	36	3	30	3	35	3	28	3	33	2
NONE	58	3	65	3	58	3	66	3	62	2
HARD LIQUOR										
9 PLUS	< 1	< 1	1	< 1	2	< 1	2	< 1	1	< 1
6-8	2	< 1	2	< 1	4	1	4	1	2	< 1
3-5	10	2	10	2	13	2	14	2	11	1
1-2	30	2	31	3	32	3	29	3	30	2
NONE	57	3	56	3	50	3	51	3	55	2

TABLE G-9C

TYPICAL NUMBER OF DRINKS PER DAY, LAST 30 DAYS
ALL PAY GRADES

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
BEER										
9 PLUS	13	3	11	3	18	4	12	3	12	2
6-8	18	4	14	4	14	4	14	3	15	2
3-5	23	4	27	5	21	4	24	4	25	3
1-2	27	4	27	5	27	4	27	4	27	3
NONE	20	4	21	4	20	4	23	4	21	2
WINE										
9 PLUS	< 1	< 1	2	1	3	2	1	1	1	< 1
6-8	1	1	< 1	1	< 1	1	2	2	1	< 1
3-5	5	2	5	3	6	3	3	2	5	1
1-2	22	4	23	5	16	4	15	4	20	2
NONE	70	5	70	5	75	5	77	4	72	3
HARD LIQUOR										
9 PLUS	4	2	4	2	12	3	7	3	5	1
6-8	4	2	7	3	7	3	9	3	6	1
3-5	15	4	12	4	16	4	19	4	15	2
1-2	26	4	24	5	25	5	27	4	25	3
NONE	51	5	54	6	39	5	38	5	49	3
DIVISION										
BEER										
9 PLUS	18	2	20	3	22	3	18	3	19	1
6-8	18	2	18	3	17	3	19	3	18	1
3-5	27	3	28	3	25	3	24	3	26	2
1-2	22	3	20	3	18	3	19	3	20	1
NONE	16	2	15	2	18	3	19	3	16	1
WINE										
9 PLUS	1	< 1	1	< 1	2	< 1	1	< 1	1	< 1
6-8	< 1	< 1	1	< 1	3	1	2	1	1	< 1
3-5	5	1	4	1	6	2	4	1	4	< 1
1-2	20	3	20	3	20	3	14	3	19	2
NONE	72	3	74	3	69	4	79	3	73	2
HARD LIQUOR										
9 PLUS	5	2	6	2	11	2	11	2	7	< 1
6-8	6	2	5	2	7	2	10	2	6	< 1
3-5	20	3	15	3	19	3	21	3	18	1
1-2	24	3	27	3	24	3	25	3	26	2
NONE	45	3	46	4	39	4	33	3	43	2

TABLE G-9C (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
AIR										
BEER										
9 PLUS	9	1	11	1	15	2	11	2	11	< 1
6-8	13	2	14	2	14	2	18	2	14	< 1
3-5	29	2	31	2	27	2	26	2	29	1
1-2	29	2	25	2	23	2	24	2	26	1
NONE	20	2	20	2	22	2	20	2	20	1
WINE										
9 PLUS	< 1	< 1	< 1	< 1	1	< 1	2	< 1	1	< 1
6-8	1	< 1	1	< 1	1	< 1	1	< 1	1	< 1
3-5	5	1	5	1	5	1	4	1	5	< 1
1-2	28	2	24	2	29	2	19	2	25	1
NONE	65	2	69	2	63	2	73	2	67	1
HARD LIQUOR										
9 PLUS	3	< 1	4	< 1	7	1	7	1	4	< 1
6-8	5	1	4	1	6	1	8	1	5	< 1
3-5	14	2	14	2	14	2	22	2	15	< 1
1-2	29	2	29	2	28	2	23	2	28	1
NONE	49	2	49	2	46	2	40	3	48	1
BASE										
BEER										
9 PLUS	6	1	6	2	14	2	8	2	7	< 1
6-8	10	2	9	2	13	2	9	2	10	1
3-5	25	2	28	3	24	2	20	3	26	2
1-2	33	2	30	3	26	2	35	3	32	2
NONE	26	2	27	3	22	2	27	3	26	2
WINE										
9 PLUS	< 1	< 1	< 1	< 1	< 1	< 1	2	1	< 1	< 1
6-8	< 1	< 1	< 1	< 1	1	< 1	1	< 1	< 1	< 1
3-5	6	1	6	2	7	1	4	1	6	< 1
1-2	24	2	25	3	27	2	26	3	25	2
NONE	68	3	68	3	64	2	66	3	68	2
HARD LIQUOR										
9 PLUS	1	< 1	2	< 1	4	1	6	2	2	< 1
6-8	5	1	3	1	6	1	7	2	4	< 1
3-5	11	2	11	2	13	2	15	3	11	1
1-2	29	2	25	3	27	2	25	3	27	2
NONE	54	3	59	3	50	2	47	4	55	2

TABLE G-9C (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
BEER										
9 PLUS	13	1	14	1	19	2	15	2	14	< 1
6-8	16	1	15	1	16	2	17	2	16	< 1
3-5	27	2	28	2	25	2	24	2	27	< 1
1-2	26	1	24	2	21	2	23	2	24	< 1
NONE	19	1	18	1	19	2	21	2	19	< 1
WINE										
9 PLUS	1	< 1	1	< 1	2	< 1	2	< 1	1	< 1
6-8	1	< 1	1	< 1	2	< 1	2	< 1	1	< 1
3-5	5	< 1	5	< 1	6	1	4	< 1	5	< 1
1-2	23	2	22	2	22	2	16	2	22	< 1
NONE	69	2	71	2	68	2	77	2	71	1
HARD LIQUOR										
9 PLUS	4	< 1	4	< 1	10	1	9	1	5	< 1
6-8	5	< 1	5	< 1	7	1	9	1	6	< 1
3-5	17	1	14	1	17	2	20	2	16	< 1
1-2	27	2	27	2	25	2	25	2	26	< 1
NONE	48	2	50	2	41	2	37	2	46	1

TABLE G-10A

ANY DRINKING
PAY GRADES E1-E5

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG	87	4	84	5	86	4	87	4	85	2
DIVISION	88	2	88	2	86	3	86	3	88	1
AIR	85	2	86	2	81	2	88	2	85	1
BASE	81	3	80	3	83	2	80	3	81	2
COMBINED	86	1	86	2	85	2	87	2	86	< 1

TABLE G-10B

ANY DRINKING
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG	76	5	79	6	86	4	73	5	77	3
DIVISION	86	4	83	5	86	4	87	5	85	2
AIR	82	3	82	3	88	3	84	3	83	2
BASE	81	3	78	3	85	2	82	4	80	2
COMBINED	82	2	81	2	87	2	82	2	82	1

TABLE G-10C

ANY DRINKING
ALL PAY GRADES

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG	85	3	83	4	86	4	85	3	84	2
DIVISION	88	2	88	2	86	2	86	2	87	1
AIR	84	2	85	2	83	2	87	2	84	< 1
BASE	81	2	79	3	83	2	81	3	80	1
COMBINED	86	1	85	1	85	2	86	2	85	< 1

TABLE G-11A

DRINKING FREQUENCY BEFORE WORK OR DURING MEAL BREAK
PAY GRADES E1-E5

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
DAILY	< 1	< 1	< 1	1	2	2	< 1	< 1	< 1	< 1
1,2/WEEK	4	2	6	3	7	3	5	3	5	2
1,2/MONTH	13	4	12	4	10	4	9	3	12	2
1,2/YEAR	24	5	15	4	20	4	17	4	18	3
NEVER	59	6	66	6	62	6	69	5	64	3
DIVISION										
DAILY	< 1	< 1	1	< 1	4	2	1	< 1	1	< 1
1,2/WEEK	5	1	6	2	10	2	7	2	6	< 1
1,2/MONTH	13	2	13	2	15	3	10	2	13	1
1,2/YEAR	20	3	21	3	19	3	20	3	20	2
NEVER	62	3	59	4	53	4	62	4	60	2
AIR										
DAILY	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	3	< 1	4	1	6	1	6	1	4	< 1
1,2/MONTH	8	1	8	2	11	2	7	2	8	< 1
1,2/YEAR	19	2	16	2	22	2	17	2	18	1
NEVER	70	2	72	3	59	3	68	3	70	1
BASE										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	2	1	< 1	< 1
1,2/WEEK	4	1	3	1	8	2	2	1	4	< 1
1,2/MONTH	6	2	6	2	9	2	7	2	6	1
1,2/YEAR	14	2	14	3	20	3	15	3	15	2
NEVER	75	3	77	3	62	3	75	4	75	2
COMBINED										
DAILY	< 1	< 1	< 1	< 1	3	< 1	1	< 1	1	< 1
1,2/WEEK	4	< 1	5	1	8	1	6	1	5	< 1
1,2/MONTH	11	1	11	1	13	2	9	1	11	< 1
1,2/YEAR	20	2	18	2	20	2	18	2	19	< 1
NEVER	65	2	65	2	56	3	66	2	64	1

TABLE G-11B

DRINKING FREQUENCY BEFORE WORK OR DURING MEAL BREAK
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
DAILY	1	1	0	#	6	2	< 1	< 1	< 1	< 1
1,2/WEEK	1	2	< 1	1	2	2	1	1	1	< 1
1,2/MONTH	5	3	3	2	5	3	5	2	4	1
1,2/YEAR	15	4	7	4	13	4	8	3	10	2
NEVER	78	5	89	4	75	5	86	4	84	2
DIVISION										
DAILY	< 1	< 1	< 1	1	< 1	1	1	1	< 1	< 1
1,2/WEEK	2	2	2	2	3	2	2	2	2	1
1,2/MONTH	5	2	3	2	5	3	2	2	4	1
1,2/YEAR	9	3	6	3	13	4	10	4	8	2
NEVER	84	4	89	4	78	5	85	5	85	2
AIR										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	1	1	< 1	< 1
1,2/WEEK	1	< 1	1	< 1	1	1	2	1	1	< 1
1,2/MONTH	2	1	2	1	2	1	4	2	2	< 1
1,2/YEAR	9	2	13	3	11	2	13	3	11	2
NEVER	87	3	84	3	85	3	80	3	85	2
BASE										
DAILY	0	#	< 1	< 1	3	1	< 1	< 1	< 1	< 1
1,2/WEEK	3	1	1	< 1	2	< 1	2	1	2	< 1
1,2/MONTH	4	1	4	2	5	1	3	2	4	< 1
1,2/YEAR	14	3	10	3	20	3	12	4	13	1
NEVER	79	3	85	3	70	3	83	4	81	2
COMBINED										
DAILY	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	2	< 1	1	< 1	2	< 1	2	< 1	2	< 1
1,2/MONTH	4	< 1	2	< 1	4	1	4	1	3	< 1
1,2/YEAR	10	2	9	2	13	2	11	2	10	< 1
NEVER	84	2	86	2	79	2	84	2	84	1

TABLE G-11C

DRINKING FREQUENCY BEFORE WORK OR DURING MEAL BREAK
ALL PAY GRADES

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
DAILY	< 1	< 1	< 1	< 1	2	1	< 1	< 1	< 1	< 1
1,2/WEEK	3	2	5	3	6	3	5	2	5	1
1,2/MONTH	12	3	11	3	9	3	8	3	10	2
1,2/YEAR	23	4	14	4	19	4	15	3	17	2
NEVER	62	5	70	5	64	5	72	4	67	3
DIVISION										
DAILY	< 1	< 1	1	< 1	3	1	1	< 1	1	< 1
1,2/WEEK	4	1	6	2	9	2	6	2	6	< 1
1,2/MONTH	12	2	12	2	13	2	9	2	11	1
1,2/YEAR	18	2	19	3	19	3	18	3	19	1
NEVER	65	3	62	3	56	4	65	3	63	2
AIR										
DAILY	< 1	< 1	< 1	< 1	2	< 1	1	< 1	< 1	< 1
1,2/WEEK	3	< 1	3	< 1	4	1	5	1	3	< 1
1,2/MONTH	6	1	7	1	9	1	7	1	7	< 1
1,2/YEAR	16	2	15	2	19	2	16	2	16	< 1
NEVER	74	2	75	2	66	2	71	2	74	1
BASE										
DAILY	< 1	< 1	< 1	< 1	1	< 1	1	< 1	< 1	< 1
1,2/WEEK	3	< 1	2	< 1	6	1	2	< 1	3	< 1
1,2/MONTH	5	1	5	1	8	1	5	1	5	< 1
1,2/YEAR	14	2	13	2	20	2	13	2	14	1
NEVER	77	2	79	3	65	2	79	3	77	1
COMBINED										
DAILY	< 1	< 1	< 1	< 1	3	< 1	1	< 1	< 1	< 1
1,2/WEEK	4	< 1	5	< 1	7	1	5	1	5	< 1
1,2/MONTH	10	1	10	1	11	1	8	1	9	< 1
1,2/YEAR	18	1	16	1	19	2	17	2	17	< 1
NEVER	68	2	69	2	60	2	69	2	68	1

TABLE G-12A

DRINKING FREQUENCY ON THE JOB
PAY GRADES E1-E5

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
DAILY	0	#	< 1	1	1	1	0	#	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	2	2	< 1	< 1	< 1	< 1
1,2/MONTH	3	2	2	2	3	2	2	2	2	1
1,2/YEAR	12	4	10	4	14	4	10	3	11	2
NEVER	84	4	87	4	80	4	87	4	86	2
DIVISION										
DAILY	< 1	< 1	< 1	< 1	2	1	1	< 1	< 1	< 1
1,2/WEEK	2	1	2	< 1	3	1	2	1	2	< 1
1,2/MONTH	7	1	5	2	6	2	5	2	6	< 1
1,2/YEAR	11	2	13	2	15	3	10	2	12	1
NEVER	80	3	80	3	75	3	82	3	80	2
AIR										
DAILY	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	1	< 1	< 1	< 1	2	< 1	1	< 1	< 1	< 1
1,2/MONTH	2	< 1	2	< 1	3	< 1	2	< 1	2	< 1
1,2/YEAR	9	2	5	1	10	2	7	2	7	< 1
NEVER	87	2	93	1	85	2	91	2	90	< 1
BASE										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	2	< 1	2	1	< 1	< 1
1,2/MONTH	2	< 1	< 1	< 1	4	1	2	1	2	< 1
1,2/YEAR	5	2	3	1	8	2	7	2	4	< 1
NEVER	93	2	95	2	86	2	88	3	93	1
COMBINED										
DAILY	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	2	< 1	1	< 1	3	< 1	1	< 1	2	< 1
1,2/MONTH	4	< 1	3	< 1	5	1	3	< 1	4	< 1
1,2/YEAR	10	1	9	1	13	2	9	1	10	< 1
NEVER	83	2	86	2	78	2	85	2	84	< 1

TABLE G-12B

DRINKING FREQUENCY ON THE JOB
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
DAILY	0	#	0	#	2	1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	1	0	#	2	< 1	0	#	< 1	< 1
1,2/MONTH	< 1	1	0	#	0	#	1	1	< 1	< 1
1,2/YEAR	4	2	3	2	5	3	2	2	3	1
NEVER	94	3	97	2	92	3	96	2	96	1
DIVISION										
DAILY	< 1	< 1	< 1	1	1	2	1	1	< 1	< 1
1,2/WEEK	1	1	< 1	< 1	< 1	1	1	1	< 1	< 1
1,2/MONTH	1	1	< 1	< 1	1	1	< 1	1	< 1	< 1
1,2/YEAR	8	3	3	2	3	2	4	3	5	2
NEVER	89	4	96	3	95	3	93	3	93	2
AIR										
DAILY	0	#	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	4	1	3	2	5	1	2	1	3	< 1
NEVER	96	2	95	2	94	2	96	2	95	1
BASE										
DAILY	0	#	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	1	< 1	0	#	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	5	2	3	1	7	2	2	2	4	< 1
NEVER	93	2	96	2	89	2	96	2	95	1
COMBINED										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/MONTH	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/YEAR	5	1	3	1	4	< 1	3	1	4	< 1
NEVER	93	1	96	1	93	1	95	1	95	< 1

TABLE G-12C

DRINKING FREQUENCY ON THE JOB
ALL PAY GRADES

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
DAILY	0	#	< 1	< 1	1	1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	2	2	< 1	< 1	< 1	< 1
1,2/MONTH	3	2	1	2	2	2	2	1	2	< 1
1,2/YEAR	11	3	9	3	12	3	9	3	10	2
NEVER	85	4	89	4	82	4	89	3	87	2
DIVISION										
DAILY	< 1	< 1	< 1	< 1	2	< 1	1	< 1	< 1	< 1
1,2/WEEK	2	< 1	2	< 1	3	1	2	< 1	2	< 1
1,2/MONTH	6	1	4	1	5	2	4	1	5	< 1
1,2/YEAR	10	2	11	2	13	2	9	2	11	1
NEVER	81	2	82	3	77	3	83	3	81	1
AIR										
DAILY	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	1	< 1	< 1	< 1	1	< 1	1	< 1	< 1	< 1
1,2/MONTH	2	< 1	1	< 1	2	< 1	1	< 1	2	< 1
1,2/YEAR	7	1	4	1	8	1	6	1	6	< 1
NEVER	89	1	93	1	87	2	92	2	91	< 1
BASE										
DAILY	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	< 1	< 1	< 1	< 1	1	< 1	1	< 1	< 1	< 1
1,2/MONTH	1	< 1	< 1	< 1	3	< 1	1	< 1	1	< 1
1,2/YEAR	5	1	3	1	8	1	5	1	4	< 1
NEVER	93	1	95	1	87	2	92	2	93	< 1
COMBINED										
DAILY	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1
1,2/WEEK	2	< 1	1	< 1	2	< 1	1	< 1	1	< 1
1,2/MONTH	4	< 1	3	< 1	4	< 1	3	< 1	3	< 1
1,2/YEAR	9	1	8	1	11	1	8	1	9	< 1
NEVER	85	1	88	1	81	2	87	2	86	< 1

TABLE G-13A

DRINKS ON HEAVIEST DRINKING DAY
PAY GRADES E1-E5

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
9 PLUS	51	6	49	6	61	6	60	6	53	3
6-8	17	4	14	4	12	4	11	4	14	2
3-5	14	4	14	4	8	3	13	4	14	2
1-2	9	3	9	4	7	3	6	3	8	2
NONE	9	3	13	4	11	4	9	3	11	2
DIVISION										
9 PLUS	57	3	61	4	64	4	65	4	61	2
6-8	12	2	12	3	11	3	10	2	12	1
3-5	13	2	12	2	9	2	9	2	11	1
1-2	7	2	6	2	5	2	7	2	6	1
NONE	11	2	9	2	11	3	9	2	10	1
AIR										
9 PLUS	55	3	56	3	59	3	63	3	57	2
6-8	13	2	14	2	7	2	13	2	13	1
3-5	14	2	13	2	11	2	11	2	13	1
1-2	7	1	6	1	9	1	4	1	6	< 1
NONE	11	2	10	2	13	2	9	2	11	1
BASE										
9 PLUS	41	3	40	4	52	3	45	4	42	2
6-8	17	3	16	3	13	2	11	3	16	2
3-5	18	3	16	3	11	2	22	4	17	2
1-2	11	2	11	3	9	2	10	3	11	1
NONE	13	2	16	3	15	2	12	3	14	2
COMBINED										
9 PLUS	54	2	56	2	62	3	63	3	57	1
6-8	14	1	13	2	11	2	11	2	13	< 1
3-5	14	1	13	2	10	2	11	2	13	< 1
1-2	7	1	7	1	6	1	6	1	7	< 1
NONE	11	1	11	1	12	2	9	2	11	< 1

TABLE G-13B

DRINKS ON HEAVIEST DRINKING DAY
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
9 PLUS	26	5	32	6	39	5	27	5	30	3
6-8	16	5	19	5	18	5	19	4	18	3
3-5	25	5	17	5	27	5	21	5	21	3
1-2	13	4	12	4	6	3	13	4	12	2
NONE	20	5	20	5	9	3	20	4	19	3
DIVISION										
9 PLUS	38	6	35	6	40	6	44	6	38	3
6-8	19	5	20	5	20	5	15	5	19	3
3-5	19	5	21	5	20	5	21	5	20	3
1-2	13	4	8	4	10	4	9	4	10	2
NONE	11	4	17	5	10	4	11	4	13	2
AIR										
9 PLUS	32	3	38	4	43	4	47	4	37	2
6-8	22	3	23	4	21	3	18	3	22	2
3-5	23	3	18	3	17	3	15	3	20	2
1-2	9	2	6	2	7	2	7	2	8	1
NONE	14	3	14	3	12	3	13	3	14	2
BASE										
9 PLUS	24	3	30	4	36	3	27	5	28	2
6-8	20	3	18	3	19	2	19	4	19	2
3-5	26	3	23	4	22	3	29	5	25	2
1-2	14	3	13	3	8	2	11	3	13	2
NONE	16	3	17	3	15	2	15	4	16	2
COMBINED										
9 PLUS	32	2	35	3	41	3	38	3	35	1
6-8	20	2	21	2	20	2	17	2	20	1
3-5	23	2	19	2	20	2	21	2	21	1
1-2	12	2	9	2	8	2	10	2	10	< 1
NONE	14	2	16	2	11	2	14	2	15	1

TABLE G-13C

DRINKS ON HEAVIEST DRINKING DAY
ALL PAY GRADES

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
9 PLUS	48	5	47	5	57	5	54	5	50	3
6-8	17	4	15	4	13	3	13	3	15	2
3-5	15	4	15	4	12	3	15	3	15	2
1-2	10	3	10	3	7	3	7	2	9	2
NONE	10	3	14	4	11	3	11	3	12	2
DIVISION										
9 PLUS	55	3	58	3	61	4	63	3	58	2
6-8	13	2	13	2	12	2	10	2	12	1
3-5	14	2	13	2	11	2	10	2	13	1
1-2	7	2	6	2	5	2	7	2	7	< 1
NONE	11	2	10	2	11	2	10	2	10	1
AIR										
9 PLUS	49	2	52	2	55	2	59	3	52	1
6-8	16	2	16	2	11	1	14	2	15	< 1
3-5	17	2	14	2	13	2	12	2	15	< 1
1-2	7	1	6	1	9	1	5	1	7	< 1
NONE	12	1	11	2	13	2	10	2	12	< 1
BASE										
9 PLUS	36	3	37	3	46	2	37	3	37	2
6-8	18	2	17	2	15	2	15	3	17	1
3-5	21	2	18	2	15	2	25	3	20	1
1-2	12	2	12	2	9	1	10	2	11	1
NONE	14	2	16	2	15	2	13	2	15	1
COMBINED										
9 PLUS	50	2	52	2	58	2	58	2	53	1
6-8	15	1	15	1	12	1	12	1	14	< 1
3-5	15	1	14	1	12	1	13	1	14	< 1
1-2	8	< 1	7	1	7	1	7	1	8	< 1
NONE	11	1	12	1	12	1	10	1	11	< 1

TABLE G-14A

FREQUENCY ANY DRINKING LAST 30 DAYS
PAY GRADES E1-E5

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
NONE	13	3	16	4	14	3	13	3	15	2
1/MONTH	10	3	11	3	7	2	9	2	10	2
2,3/MONTH	24	4	20	4	18	4	22	4	21	3
1,2/WEEK	23	4	26	4	27	4	22	4	25	3
3,4/WEEK	17	3	15	3	15	3	21	3	17	2
5,6/WEEK	7	2	6	2	6	2	8	2	7	2
DAILY	6	2	6	2	14	3	5	2	6	2
DIVISION										
NONE	12	2	12	2	14	2	14	2	12	1
1/MONTH	8	1	8	2	7	2	8	2	8	1
2,3/MONTH	20	2	20	2	17	2	17	2	19	2
1,2/WEEK	27	2	25	2	21	3	25	3	25	2
3,4/WEEK	18	2	21	2	22	3	21	3	20	2
5,6/WEEK	8	1	7	1	7	2	6	1	7	1
DAILY	7	1	8	2	13	2	8	2	8	1
AIR										
NONE	15	2	14	2	19	2	12	2	15	1
1/MONTH	9	1	10	1	4	< 1	10	1	9	< 1
2,3/MONTH	18	2	19	2	18	2	21	2	19	1
1,2/WEEK	26	2	23	2	22	2	30	2	25	1
3,4/WEEK	17	2	19	2	18	2	15	2	18	1
5,6/WEEK	7	1	6	1	7	1	5	1	7	< 1
DAILY	7	1	8	1	12	2	7	1	8	< 1
BASE										
NONE	19	2	20	3	17	2	20	3	19	2
1/MONTH	12	2	12	2	9	1	8	2	11	2
2,3/MONTH	22	2	24	3	19	2	25	3	23	2
1,2/WEEK	23	2	24	3	24	2	23	3	23	2
3,4/WEEK	12	2	12	2	17	2	10	2	12	2
5,6/WEEK	6	1	5	1	7	1	5	1	5	1
DAILY	6	1	3	1	7	1	9	2	5	< 1

TABLE G-14A (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
NONE	14	1	14	2	15	2	13	2	14	< 1
1/MONTH	8	1	9	1	6	1	9	1	9	< 1
2,3/MONTH	20	2	20	2	17	2	19	2	20	1
1,2/WEEK	26	2	24	2	22	2	25	2	25	1
3,4/WEEK	17	2	19	2	20	2	19	2	18	< 1
5,6/WEEK	7	1	6	1	7	1	6	1	7	< 1
DAILY	7	1	7	1	13	2	7	1	8	< 1

TABLE G-14B

FREQUENCY ANY DRINKING LAST 30 DAYS
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
NONE	24	4	21	4	14	3	27	4	23	3
1/MONTH	9	3	12	3	10	3	10	3	10	2
2,3/MONTH	23	4	27	5	23	4	23	4	25	3
1,2/WEEK	20	4	22	4	21	4	19	3	20	3
3,4/WEEK	15	3	10	3	17	3	10	3	12	2
5,6/WEEK	5	2	5	2	3	2	5	2	5	1
DAILY	4	2	4	2	13	3	5	2	5	1
DIVISION										
NONE	14	3	17	4	14	3	13	4	15	2
1/MONTH	11	3	9	3	10	3	14	3	10	2
2,3/MONTH	24	4	25	4	24	4	18	4	23	3
1,2/WEEK	25	4	22	4	26	4	21	4	24	3
3,4/WEEK	15	3	15	4	13	3	18	4	15	2
5,6/WEEK	5	2	5	2	7	2	6	2	5	2
DAILY	5	2	6	3	7	3	10	3	6	2
AIR										
NONE	18	2	18	3	12	2	16	2	17	2
1/MONTH	10	2	8	2	11	2	11	2	9	1
2,3/MONTH	25	2	25	3	19	2	15	2	23	2
1,2/WEEK	25	3	25	3	27	3	25	3	25	2
3,4/WEEK	15	2	12	2	21	2	17	2	15	2
5,6/WEEK	5	1	5	1	4	1	8	2	5	1
DAILY	3	< 1	7	2	6	1	9	2	5	1
BASE										
NONE	19	2	22	3	15	2	18	3	20	2
1/MONTH	14	2	10	2	9	1	16	3	13	2
2,3/MONTH	21	2	22	3	21	2	16	3	20	2
1,2/WEEK	22	2	19	3	24	2	24	4	21	2
3,4/WEEK	13	2	13	2	16	2	14	3	14	2
5,6/WEEK	6	1	5	1	7	1	7	2	6	1
DAILY	5	1	7	2	8	1	5	2	6	1

TABLE G-14B (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
NONE	18	2	19	2	13	2	18	2	18	1
1/MONTH	11	2	9	2	10	2	12	2	10	< 1
2,3/MONTH	24	2	25	2	22	2	18	2	23	1
1,2/WEEK	24	2	23	2	25	2	22	2	23	1
3,4/WEEK	15	2	13	2	17	2	15	2	14	1
5,6/WEEK	5	1	5	1	5	1	7	1	5	< 1
DAILY	4	1	6	1	8	1	8	2	6	< 1

TABLE G-14C

FREQUENCY ANY DRINKING LAST 30 DAYS
ALL PAY GRADES

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
NONE	15	3	17	4	14	4	15	3	16	2
1/MONTH	10	3	11	3	7	3	9	3	10	2
2,3/MONTH	23	4	21	4	18	4	22	4	22	2
1,2/WEEK	23	4	26	5	26	4	22	4	24	2
3,4/WEEK	17	4	14	4	16	4	19	4	16	2
5,6/WEEK	7	2	5	2	6	3	8	3	6	1
DAILY	6	2	6	3	14	3	5	2	6	1
DIVISION										
NONE	12	2	12	2	14	2	14	2	13	1
1/MONTH	8	2	8	2	7	2	9	2	8	1
2,3/MONTH	21	2	20	3	18	3	17	3	20	1
1,2/WEEK	27	3	24	3	21	3	25	3	25	2
3,4/WEEK	18	2	20	3	21	3	21	3	20	1
5,6/WEEK	7	2	6	2	7	2	6	2	7	< 1
DAILY	7	2	8	2	12	2	9	2	8	1
AIR										
NONE	16	2	15	2	17	2	13	2	16	< 1
1/MONTH	9	1	9	1	6	1	10	2	9	< 1
2,3/MONTH	20	2	21	2	18	2	20	2	20	1
1,2/WEEK	26	2	23	2	23	2	29	2	25	1
3,4/WEEK	17	2	18	2	19	2	16	2	17	1
5,6/WEEK	6	1	6	1	6	1	6	1	6	< 1
DAILY	6	1	8	1	10	1	7	1	7	< 1
BASE										
NONE	19	2	21	3	17	2	19	3	20	1
1/MONTH	12	2	12	2	9	1	12	2	12	1
2,3/MONTH	22	2	23	3	20	2	21	3	22	1
1,2/WEEK	22	2	22	3	24	2	24	3	23	1
3,4/WEEK	12	2	12	2	16	2	12	2	13	1
5,6/WEEK	6	1	5	1	7	1	6	2	6	< 1
DAILY	6	1	4	1	7	1	7	2	6	< 1

TABLE G-14C (Cont'd)

UNIT TYPE	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
COMBINED										
NONE	14	1	15	1	15	2	14	2	15	< 1
1/MONTH	9	< 1	9	1	7	1	9	1	9	< 1
2,3/MONTH	21	1	21	2	18	2	19	2	20	< 1
1,2/WEEK	26	2	24	2	23	2	25	2	25	< 1
3,4/WEEK	17	1	18	2	19	2	19	2	18	< 1
5,6/WEEK	7	< 1	6	< 1	6	1	6	1	6	< 1
DAILY	6	< 1	7	1	12	1	7	1	7	< 1

TABLE G-15A

TOTAL NUMBER OF DRINKS LAST 30 DAYS
PAY GRADES E1-E5

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
NONE	14	4	16	5	14	4	13	4	15	2
1-2	24	5	25	5	15	4	20	5	23	3
3-5	26	5	29	6	24	5	27	5	27	3
6-8	20	4	18	5	17	5	19	4	19	3
> 8	16	4	13	4	29	5	20	4	17	2
DIVISION										
NONE	12	2	12	2	14	3	14	3	12	1
1-2	19	3	17	3	11	3	15	3	17	2
3-5	27	3	27	3	24	4	24	3	26	2
6-8	20	3	20	3	20	3	21	3	20	2
> 8	22	3	24	3	30	4	26	3	24	2
AIR										
NONE	15	2	15	2	20	2	12	2	15	1
1-2	22	2	21	2	17	2	19	2	21	1
3-5	32	3	32	3	22	2	28	3	31	2
6-8	18	2	16	2	18	2	23	3	18	1
> 8	13	2	16	2	23	2	17	2	16	1
BASE										
NONE	19	3	21	3	17	2	19	3	20	2
1-2	28	3	27	4	21	3	26	4	27	2
3-5	29	3	32	4	25	3	25	4	29	2
6-8	15	3	11	3	18	2	10	3	13	2
> 8	9	2	9	2	19	3	19	3	11	1
COMBINED										
NONE	14	1	14	2	16	2	13	2	14	< 1
1-2	21	2	20	2	14	2	18	2	20	1
3-5	28	2	29	2	24	2	26	2	28	1
6-8	19	2	18	2	19	2	21	2	19	1
> 8	18	2	19	2	28	2	23	2	20	< 1

TABLE G-15B

TOTAL NUMBER OF DRINKS LAST 30 DAYS
PAY GRADES E6-06

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
NONE	23	5	21	6	15	4	27	5	23	3
1-2	37	6	40	6	43	6	41	5	40	3
3-5	28	5	29	6	24	5	26	5	28	3
6-8	8	3	7	4	10	3	4	2	7	2
> 8	3	2	3	2	8	3	2	2	3	1
DIVISION										
NONE	15	4	18	5	14	4	15	5	16	2
1-2	38	6	34	6	38	6	36	6	36	3
3-5	33	5	34	6	33	6	30	6	33	3
6-8	10	3	6	3	8	3	12	4	9	2
> 8	4	2	9	4	6	3	7	3	6	2
AIR										
NONE	18	3	18	3	13	3	17	3	17	2
1-2	41	4	38	4	33	4	30	4	38	2
3-5	30	3	32	4	41	3	37	4	32	2
6-8	7	2	8	2	9	2	11	2	8	1
> 8	4	1	4	2	4	2	6	2	4	< 1
BASE										
NONE	19	3	23	4	15	2	18	4	20	2
1-2	43	4	38	4	43	3	45	5	42	2
3-5	31	3	30	4	28	3	23	5	29	2
6-8	5	2	6	2	8	2	10	3	7	1
> 8	2	1	3	1	7	2	4	2	3	< 1
COMBINED										
NONE	18	2	19	2	14	2	19	2	18	1
1-2	40	3	37	3	37	3	37	3	38	2
3-5	31	2	32	3	34	3	30	3	31	1
6-8	8	1	7	2	9	2	9	2	8	< 1
> 8	4	< 1	5	1	6	1	5	1	4	< 1

TABLE G-15C

TOTAL NUMBER OF DRINKS LAST 30 DAYS
ALL PAY GRADES

	LOCATION									
	WEST		EAST		HAWAII		OKINAWA		COMBINED	
UNIT TYPE	%	(SE)	%	(SE)	%	(SE)	%	(SE)	%	(SE)
FSSG										
NONE	15	3	17	4	14	4	15	3	16	2
1-2	26	4	27	5	20	4	24	4	25	2
3-5	26	4	29	5	24	4	27	4	27	3
6-8	19	4	16	4	16	4	17	4	17	2
> 8	15	4	12	4	25	4	17	4	15	2
DIVISION										
NONE	12	2	13	2	14	3	14	3	13	1
1-2	21	2	19	3	15	2	18	3	19	1
3-5	28	3	28	3	26	3	25	3	27	2
6-8	19	2	18	3	19	3	20	3	19	1
> 8	20	3	22	3	27	3	24	3	22	2
AIR										
NONE	16	2	16	2	18	2	13	2	16	< 1
1-2	27	2	25	2	21	2	21	2	25	1
3-5	31	2	32	2	27	2	30	2	31	1
6-8	15	2	14	2	15	2	20	2	15	< 1
> 8	11	1	13	2	18	2	15	2	13	< 1
BASE										
NONE	19	2	21	3	16	2	19	3	20	1
1-2	33	2	31	3	29	2	35	3	32	2
3-5	29	2	31	3	26	2	24	3	29	2
6-8	12	2	10	2	14	2	10	2	11	1
> 8	7	1	7	2	15	2	12	2	8	< 1
COMBINED										
NONE	15	1	15	1	15	2	14	2	15	< 1
1-2	25	1	23	2	18	2	21	2	23	< 1
3-5	29	2	29	2	26	2	26	2	28	< 1
6-8	17	1	16	2	17	2	19	2	17	< 1
> 8	15	1	16	1	24	2	19	2	17	< 1

APPENDIX H

URINE TEST RESULTS AND DRUG USE

APPENDIX H

URINE TEST RESULTS AND DRUG USE

Table H-1 shows the relationship between urinalysis test results and use of drugs at the time tested for Marines answering the questionnaire at the four major commands and locations. The first two rows under each command show those who were using drugs at the time they were tested, and those who said they were not using drugs at the time, respectively. The third row under each command gives totals showing (left to right) the percent surveyed who tested positive, the percent who tested negative, and the overall percent who took urine tests.

For example, 96 percent of the Marines surveyed in the FSSGs in the West had been given a urinalysis test in the past 12 months. Four percent of the Marines tested positive, and 92 percent negative. The first row shows that 1 percent tested positive and were using drugs at the time; 9 percent tested negative and were using drugs, giving a total of 10 percent who were tested and using drugs. The second row shows that 3 percent tested positive and were not using drugs. These are false positives. The false positive rate (shown in parentheses) for this group shows that 65 percent of those who tested positive were not using drugs at the time.

TABLE H-1

RESULTS OF LAST URINE TEST FOR THOSE USING OR NOT USING DRUGS AT THE TIME

	West			East			Hawaii			Okinawa			Total		
	Positive	Negative	Total	Positive	Negative	Total	Positive	Negative	Total	Positive	Negative	Total	Positive	Negative	Total
FSSG															
Using	1	9	10	1	9	10	3	13	16	1	11	12	1	10	11
Not using	3	83	86	2	76	78	4	77	81	1	73	74	2	78	80
Total	4	92	96	3	85	88	7	90	97	2	84	86	3	88	91
(False positive)	(65)			(61)			(56)			(61)			(62)		
Division															
Using	4	13	17	2	13	15	4	10	14	2	12	14	3	12	15
Not using	3	70	73	2	75	77	3	73	76	2	74	76	2	73	75
Total	7	83	90	4	88	92	7	83	90	4	86	90	5	85	90
(False positive)	(42)			(57)			(45)			(53)			(47)		
Air															
Using	2	6	8	1	7	8	2	6	8	1	12	13	1	7	8
Not using	2	85	87	2	80	82	3	69	72	1	75	76	2	81	83
Total	4	91	95	3	87	90	5	75	80	2	87	89	3	78	91
(False positive)	(50)			(71)			(53)			(41)			(58)		
Base															
Using	1	6	7	1	3	4	1	6	7	1	5	6	1	5	6
Not using	1	87	88	1	84	85	3	86	89	2	85	87	1	86	87
Total	2	93	95	2	87	89	4	92	96	3	90	93	2	91	93
(False positive)	(77)			(76)			(65)			(68)			(74)		
Total															
Using	2	9	11	1	10	11	3	9	12	1	11	12	2	10	12
Not using	2	78	80	2	77	79	3	73	76	2	74	76	2	77	79
Total	4	87	91	3	87	90	6	82	88	3	85	88	4	87	91
(False positive)	(48)			(62)			(54)			(49)			(53)		